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Crop Production

Agricultural Statistics Board
National Agricultural Statistics Service

United States Department of Agriculture
Washington, D.C. 20250

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ORIGINAL

HIGHLIGHTS

CORN FOR GRAIN production is forecast at 8.27 billion bushels (210 million metric tons), down 7 percent from last year's record crop and down less than 1 percent from August 1. The 90 percent confidence interval for this production forecast is 7.54 to 9.00 billion bushels.

SORGHUM GRAIN production is forecast at 873 million bushels (22.2 million metric tons), down 21 percent from last year's record production.

FEED GRAIN production (corn, sorghum, oats, and barley) is expected to total 252 million metric tons, down 8 percent from last year.

SOYBEAN production is forecast at 1.98 billion bushels (53.9 million metric tons), virtually unchanged from the August 1 forecast but down 6 percent from 1985. The 90 percent confidence interval for this production forecast is 1.82 to 2.14 billion bushels.

ALL WHEAT production is forecast at 2.12 billion bushels (57.7 million metric tons). This is the lowest level since 1978 and down 13 percent from 1985. The 90 percent confidence interval for this production forecast is 2.08 to 2.16 billion bushels.

ALL COTTON production is forecast at 10.5 million bales, a decrease of 2 percent from August 1 and 22 percent below the 1985 crop. The 90 percent confidence interval for this production forecast is 9.2 to 11.8 million bales.

All TOBACCO production is forecast at 1.22 billion pounds (553 thousand metric tons), 19 percent below last year and the smallest crop since 1936.

PEANUT production is forecast at 3.47 billion pounds (1.57 million metric tons), 16 percent less than last year and 21 percent below the record large harvest of 1984.

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* INCLUDED IN THIS REPORT *
*
* o Seeding Rates - Selected Crops, by States and U.S., Page A-25. *
* o Navel Oranges - California, Page A-21. *
* o Fistachio Nuts - California, Page A-23. *
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For Information Call: (202) 447-2127

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INDEX NUMBERS OF CROP PRODUCTION
UNITED STATES, 1976-86 (1977=100)

YEAR	PRODUCTION							
	ALL 1/	FEED GRAINS	HAY AND FORAGE	FOOD GRAINS	SUGAR CROPS	COTTON	TOBACCO	OIL CROPS
1976	92	96	94	107	112	74	112	74
1977	100	100	100	100	100	100	100	100
1978	102	108	106	93	101	76	106	105
1979	113	116	108	108	94	102	80	129
1980	101	97	98	121	97	79	93	99
1981	117	121	106	144	107	109	108	114
1982	117	122	109	138	96	85	104	121
1983	88	67	100	117	93	55	75	91
1984	111	116	107	129	95	91	90	106
1985	116	133	106	121	97	93	79	117
1986	109	123	108	107	107	73	64	109

1/ INCLUDES SOME MISCELLANEOUS CROP PRODUCTION NOT INCLUDED IN SEPARATE GROUPS OF CROPS SHOWN.

The CROP PRODUCTION report contains State and National estimates with related information on selected agricultural commodities. These data were prepared and adopted by the Agricultural Statistics Board which consists of commodity statisticians from the field offices and Washington headquarters.

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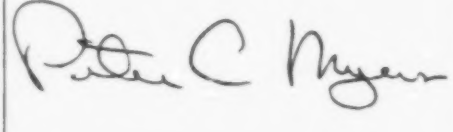

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RELIABILITY OF SEPTEMBER 1 PRODUCTION FORECASTS

Crop production forecasts in this report are based primarily on yield surveys taken about September 1. The yield surveys include mailed reports from farmers for all crops and actual field observations and measurements for corn, soybeans, cotton, wheat, and some fruit and nut crops. Farmers provided appraisals of crop conditions and probable yield information for crops on their farms and for their localities. Objective yield surveys provided small plot observations, counts and measurements in a probability sample. These surveys are subject to sampling and non-sampling type errors that are common to all surveys. More importantly, the production forecasts are subject to change due to future weather effects and other factors that cannot be measured currently but directly affect final production.

To assist users in evaluating the reliability of production forecasts in this report, the "Root Mean Square Error," a statistical measure based on past performance, is shown below for selected crops. This is computed by expressing the deviations between the September 1 production forecasts and the final estimates as a percent of the final estimates and averaging the squared percentage deviations for the 1966-85 20-year period; the square root of this average becomes statistically the "Root Mean Square Error." Probability statements can be made concerning expected differences in the current forecasts relative to the final end of season estimates, assuming that factors affecting this year's forecast are not different from those influencing recent years.

For example, the "Root Mean Square Error" for the September 1 corn for grain production forecast is 5.1 percent. This means that chances are 2 out of 3 that the current production forecast of 8268 million bushels will not be above or below the final estimate by more than 5.1 percent or approximately 422 million bushels. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 8.8 percent or approximately 728 million bushels.

Also shown in the table is a 10-year record for selected crops of the differences between the September 1 forecast and the final estimate. Using corn again as an example, changes between the September 1 forecast and the final estimate during the past 10 years have averaged 290 million bushels, ranging from 84 million to 660 million bushels. The September 1 forecast has been below the final estimate 8 times and above 2 times. This does not imply that the September 1 corn forecast this year is likely to understate or overstate final production. For most crops, the number of years the forecasts have been below or above the final estimates is about equally distributed.

RELIABILITY OF SEPTEMBER 1 CROP PRODUCTION FORECASTS

CROP AND UNIT	ROOT MEAN SQUARE ERROR			10-YEAR RECORD OF DIFFERENCES BETWEEN FORECAST AND FINAL ESTIMATE				
		90% CONFIDENCE LEVEL		QUANTITY			NO. OF YEARS	
	PERCENT	PERCENT	QUANT	AVG	SMALL	LARGE	BELOW FINAL	ABOVE FINAL
			MIL	MIL	MIL	MIL		
FEED GRAINS 1/ MT	3.8	6.6	17	8	2	17	8	2
CORN FOR GRAIN BU	5.1	8.8	728	290	84	660	8	2
SORGHUM FOR GRAIN BU	3.9	6.7	59	18	0	49	7	3
OATS BU	3.6	6.2	26	9	0	24	4	6
BARLEY BU	3.5	6.1	38	14	0	28	5	5
ALL WHEAT BU	1.1	2.0	42	22	10	51	8	2
DURUM BU	4.3	7.4	7	4	0	12	4	6
OTHER SPRING BU	2.0	3.5	17	7	0	24	7	3
RICE CWT	3.4	5.8	7	4	1	10	5	5
SOYBEANS FOR BEANS BU	4.6	8.0	158	88	14	167	6	4
COTTON BALES 2/	7.2	12.5	1,310	424	4	1,188	5	5

1/ CORN FOR GRAIN, SORGHUM FOR GRAIN, OATS, AND BARLEY.
2/ QUANTITY IS IN THOUSANDS OF BALES.

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UNITED STATES CROP SUMMARY - AREA PLANTED AND HARVESTED
(DOMESTIC UNITS)

CROP	AREA PLANTED		AREA HARVESTED 1/	
	1985	1986	1985	INDICATED 1986
	1,000 ACRES			
CORN	83,348	76,646	75,134	69,071
SORGHUM	18,285	14,973	16,672	13,504
OATS	13,270	14,787	8,149	7,537
BARLEY	13,106	13,248	11,553	12,455
ALL WHEAT	75,575	72,007	64,734	60,903
DURUM	3,207	2,882	3,094	2,821
OTHER SPRING	14,616	15,195	13,687	14,838
RICE	2,522.0	2,348.0	2,502.0	2,333.0
SOYBEANS	63,130	61,835	61,584	59,793
PEANUTS	1,490.4	1,505.0	1,467.4	1,487.0
ALL COTTON	10,684.6	9,590.6	10,229.0	8,919.2
UPLAND	10,600.6	9,489.6	10,145.4	8,818.9
AMER-PIMA	84.0	101.0	83.6	100.3
DRY EDIBLE BEANS	1,575.9	1,701.0	1,486.4	1,640.5
POTATOES				
SUMMER	117.6	102.3	113.9	100.6
TOTAL 2/	1,406.1	1,247.8	1,358.6	1,224.0
TOBACCO			688.0	614.6
SUGARBEETS	1,124.5	1,238.0	1,102.5	1,226.3
SUGARCANE FOR SUGAR AND SEED			770.0	801.4
HOPS			28.1	25.0

1/ HARVESTED FOR PRINCIPAL USE OF EACH CROP, I.E., GRAIN, BEANS, NUTS, ETC.
2/ 1985 REVISED.

UNITED STATES CROP SUMMARY - AREA PLANTED AND HARVESTED
(DOMESTIC UNITS)

CROP	AREA PLANTED		AREA HARVESTED	
	1985	1986 1/	1985	INDICATED 1986 1/
	1,000 ACRES			
WINTER WHEAT	57,752	53,930	47,953	43,244
RYE	2,563	2,364	717	681
FLAXSEED	620	695	584	669
SUNFLOWER	3,055	1,895	2,844	1,852
ALL HAY			60,553	60,882
ALFALFA			25,673	26,185
ALL OTHER			34,880	34,697
POTATOES				
WINTER	13.2	12.3	13.2	12.3
SPRING	92.0	76.7	87.0	75.6
FALL 2/	1,183.3	1,056.5	1,144.5	1,035.5
SWEETPOTATOES	110.2	98.3	105.3	95.1

1/ ESTIMATES CARRIED FORWARD FROM EARLIER FORECAST. 2/ 1985 REVISED.

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UNITED STATES CROP SUMMARY - YIELD PER ACRE AND PRODUCTION
(DOMESTIC UNITS)

CROP AND UNIT	YIELD PER ACRE		PRODUCTION		
		INDICATED		INDICATED	
	1985	1986	1985	AUG 1, 1986	SEP 1, 1986
				1,000	
CORN FOR GRAIN BU	118.0	119.7	8,865,006	8,316,156	8,268,141
SORGHUM FOR GRAIN "	66.7	64.7	1,112,571	860,034	873,374
OATS "	63.6	54.2	518,626	443,183	413,025
BARLEY "	51.0	50.3	589,183	650,046	625,971
ALL WHEAT "	37.5	34.8	2,424,765	2,164,738	2,120,538
DURUM "	36.4	34.2	112,510	101,774	96,384
OTHER SPRING "	35.4	33.1	485,060	530,438	491,628
RICE CWT 1/	5,437	5,463	136,042	125,247	127,461
SOYBEANS FOR BEANS BU	34.1	33.1	2,098,531	1,979,468	1,979,773
PEANUTS FOR NUTS LB	2,810	2,331	4,122,787	3,552,750	3,466,350
ALL COTTON BALE 1/	630	565	13,432.2	10,676.4	10,506.4
UPLAND " 1/	628	561	13,277.1	10,477.4	10,312.4
AMER-PIMA " 1/	891	928	155.1	199.0	194.0
COTTONSEED TON			5,279	4,205	4,152
DRY EDIBLE BEANS CWT 1/	1,498	1,566	22,268	25,950	25,697
POTATOES					
SUMMER CWT	244	218	27,794	21,811	21,972
TOTAL 2/ "	298		404,329		
TOBACCO LB	2,196	1,982	1,511,220	1,195,119	1,218,156
SUGARBEETS TON	20.5	20.7	22,636	25,032	25,438
SUGARCANE FOR SUGAR AND SEED "	36.6	37.8	28,213	29,850	30,255
HOPS LB	1,769	1,795	49,713	45,245	44,880
PASTURE AND RANGE FEED 3/ PCT	75	79			
PEARS TON			746.9	723.5	710.5
GRAPES "			5,604.7	4,935.5	4,915.5
DRIED PRUNES (CALIF) "			139.0	4/100.0	95.0
PRUNES AND PLUMS (EXCL CALIF) "			50.7	46.5	46.5
PECANS LB			244,400		209,300
PISTASCHIO NUTS (CALIF) LB			27,100		70,000
WALNUTS (CALIF) TON			219.0	195.0	190.0

1/ YIELD IN POUNDS. 2/ 1985 REVISED. 3/ PASTURE AND RANGE FEED CONDITION AS OF FIRST OF MONTH. THE 1975-84 AVERAGE IS 73 PERCENT. 4/ JUL 1, 1986.

UNITED STATES CROP SUMMARY - YIELD PER ACRE AND PRODUCTION
(DOMESTIC UNITS)

CROP AND UNIT	YIELD PER ACRE		PRODUCTION	
	1985	INDICATED 1986 1/	1985	INDICATED 1986 1/
			1,000	
WINTER WHEAT BU	38.1	35.4	1,827,195	1,532,526
ALL HAY TON	2.46	2.52	148,959	153,408
ALFALFA "	3.32	3.52	85,291	92,243
ALL OTHER "	1.83	1.76	63,668	61,165
POTATOES				
WINTER CWT	204	231	2,691	2,843
SPRING "	264	261	22,986	19,763
FALL 2/ "	307		350,858	
APPLES, COM'L LB			7,949,000	7,845,000
PEACHES "			2,148,300	2,277,400
SWEET CHERRIES TON			132.9	128.5
TART CHERRIES LB			286,200	186,000
APRICOTS TON			131.5	69.1
NECTARINES (CALIF) "			211.0	195.0
PLUMS (CALIF) "			166.5	130.0
OLIVES (CALIF) "			96.0	100.0
ALMONDS (CALIF) LB			465,000	265,000

1/ ESTIMATES CARRIED FORWARD FROM EARLIER FORECAST. 2/ 1985 REVISED.

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UNITED STATES CROP SUMMARY - AREA PLANTED AND HARVESTED
(METRIC UNITS)

CROP	AREA PLANTED		AREA HARVESTED 1/	
	1985	1986	1985	INDICATED 1986
	HECTARES			
CORN	33,730,100	31,017,870	30,405,980	27,952,340
SORGHUM	7,399,760	6,059,420	6,746,990	5,464,930
OATS	5,370,240	5,984,150	3,297,820	3,050,150
BARLEY	5,303,870	5,361,330	4,675,380	5,040,410
ALL WHEAT	30,584,450	29,140,510	26,197,200	24,646,830
DURUM	1,297,840	1,166,320	1,252,110	1,141,630
OTHER SPRING	5,914,950	6,149,260	5,538,990	6,004,790
RICE	1,020,630	950,210	1,012,530	944,140
SOYBEANS	25,548,080	25,024,010	24,922,430	24,197,630
PEANUTS	603,150	609,060	593,840	601,770
ALL COTTON	4,323,950	3,881,220	4,139,570	3,609,510
UPLAND	4,289,960	3,840,350	4,105,740	3,568,920
AMER-PIMA	33,990	40,870	33,830	40,590
DRY EDIBLE BEANS	637,750	688,380	601,530	663,890
POTATOES				
SUMMER	47,590	41,400	46,090	40,710
TOTAL 2/	569,030	504,970	549,810	495,340
TOBACCO			278,430	248,720
SUGARBEETS	455,070	501,010	446,170	496,270
SUGARCANE FOR SUGAR AND SEED			311,610	324,320
HOPS			11,370	10,120

1/ HARVESTED FOR PRINCIPAL USE OF EACH CROP, I.E., GRAIN, BEANS, NUTS, ETC.
2/ 1985 REVISED.

UNITED STATES CROP SUMMARY - AREA PLANTED AND HARVESTED
(METRIC UNITS)

CROP	AREA PLANTED		AREA HARVESTED	
	1985	1986 1/	1985	INDICATED 1986 1/
	HECTARES			
WINTER WHEAT	23,371,660	21,824,930	19,406,100	17,500,410
RYE	1,037,220	956,690	290,160	275,590
FLAXSEED	250,910	281,260	236,340	270,740
SUNFLOWER	1,236,330	766,890	1,150,940	749,490
ALL HAY			24,505,200	24,638,340
ALFALFA			10,389,610	10,596,810
ALL OTHER			14,115,590	14,041,530
POTATOES				
WINTER	5,340	4,980	5,340	4,980
SPRING	37,230	31,040	35,210	30,590
FALL 2/	478,870	427,550	463,170	419,060
SWEETPOTATOES	44,600	39,780	42,610	38,490

1/ ESTIMATES CARRIED FORWARD FROM EARLIER FORECAST. 2/ 1985 REVISED.

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UNITED STATES CROP SUMMARY - YIELD PER HECTARE AND PRODUCTION
(METRIC UNITS)

CROP	YIELD PER HECTARE		PRODUCTION		
		INDICATED		INDICATED	
	1985	1986	1985	AUG 1, 1986	SEP 1, 1986
	METRIC TONS				
CORN FOR GRAIN	7.41	7.51	225,181,520	211,240,090	210,020,460
SORGHUM FOR GRAIN	4.19	4.06	28,260,610	21,845,870	22,184,720
OATS	2.28	1.97	7,527,840	6,432,780	5,995,040
BARLEY	2.74	2.70	12,827,950	14,153,080	13,628,910
ALL WHEAT	2.52	2.34	65,991,290	58,914,510	57,711,580
DURUM	2.45	2.30	3,062,020	2,769,830	2,623,140
OTHER SPRING	2.38	2.23	13,201,170	14,436,160	13,379,920
RICE	6.09	6.12	6,170,760	5,681,110	5,781,530
SOYBEANS FOR BEANS	2.29	2.23	57,112,650	53,872,290	53,880,590
PEANUTS FOR NUTS	3.15	2.61	1,870,050	1,611,490	1,572,300
ALL COTTON	0.71	0.63	2,924,500	2,324,500	2,287,490
UPLAND	0.70	0.63	2,890,730	2,281,170	2,245,250
AMER-PIMA	1.00	1.04	33,770	43,330	42,240
COTTONSEED			4,789,030	3,814,710	3,766,630
DRY EDIBLE BEANS	1.68	1.76	1,010,050	1,177,070	1,165,590
POTATOES					
SUMMER	27.35	24.48	1,260,710	989,330	996,630
TOTAL 1/	33.36		18,339,960		
TOBACCO	2.46	2.22	685,470	542,090	552,540
SUGARBEETS	46.03	46.50	20,535,030	22,708,650	23,076,970
SUGARCANE FOR SUGAR AND SEED	82.14	84.63	25,594,400	27,079,460	27,446,870
HOPS	1.98	2.01	22,550	20,520	20,360
PEARS			677,580	656,350	644,550
GRAPES			5,084,500	4,477,410	4,459,270
DRIED PRUNES (CALIF)			126,100	2/ 90,720	86,180
PRUNES AND PLUMS (EXCL CALIF)			45,990	42,180	42,180
PECANS			110,860		94,940
PISTACHIO NUTS (CALIF)			12,290		31,750
WALNUTS (CALIF)			198,670	176,900	172,370

1/ 1985 REVISED. 2/ JUL 1, 1986.

UNITED STATES CROP SUMMARY - YIELD PER HECTARE AND PRODUCTION
(METRIC UNITS)

CROP	YIELD PER HECTARE		PRODUCTION	
	1985	INDICATED 1986 1/	1985	INDICATED 1986 1/
	METRIC TONS			
WINTER WHEAT	2.56	2.38	49,728,100	41,708,520
ALL HAY	5.51	5.65	135,133,330	139,169,390
ALFALFA	7.45	7.90	77,374,690	83,681,440
ALL OTHER	4.09	3.95	57,758,640	55,487,950
POTATOES				
WINTER	22.86	25.90	122,060	128,960
SPRING	29.61	29.30	1,042,620	896,430
FALL 2/	34.36		15,914,570	
APPLES, COM'L			3,605,590	3,558,410
PEACHES			974,450	1,033,010
SWEET CHERRIES			120,560	116,570
TART CHERRIES			129,820	84,370
APRICOTS			119,290	62,690
NECTARINES (CALIF)			191,420	176,900
PLUMS (CALIF)			151,050	117,930
OLIVES (CALIF)			87,090	90,720
ALMONDS (CALIF)			210,920	120,200

1/ ESTIMATES CARRIED FORWARD FROM EARLIER FORECAST. 2/ 1985 REVISED.

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CORN FOR GRAIN

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1985	IND 1986	1985	IND 1986	1984	1985	IND 1986
	1,000 ACRES		BUSHELS		1,000 BUSHELS		
ALA	325	300	75.0	55.0	25,025	24,375	16,500
ARIZ 1/	21	17	105.0	115.0	3,250	2,205	1,955
ARK 1/	73	85	108.0	112.0	4,655	7,884	9,520
CALIF	320	270	145.0	145.0	51,000	46,400	39,150
COLO	745	675	139.0	133.0	91,120	103,555	89,775
CONN 2/							
DEL	175	170	109.0	75.0	16,950	19,075	12,750
FLA 1/	190	180	65.0	60.0	13,650	12,350	10,800
GA	975	730	84.0	60.0	80,770	81,900	43,800
IDAHO 1/	80	55	125.0	130.0	8,850	10,000	7,150
ILL	11,370	10,300	135.0	138.0	1,247,160	1,534,950	1,421,400
IND	6,150	5,850	123.0	129.0	705,510	756,450	754,650
IOWA	13,550	12,000	126.0	135.0	1,444,800	1,707,300	1,620,000
KANS	1,080	1,250	130.0	132.0	119,375	140,400	165,000
KY	1,560	1,570	102.0	88.0	146,000	159,120	138,160
LA 1/	205	430	114.0	120.0	9,430	23,370	51,600
MAINE 2/							
MD	640	610	110.0	70.0	69,620	70,400	42,700
MASS 2/							
MICH	2,730	2,500	105.0	108.0	220,080	286,650	270,000
MINN	6,300	5,700	115.0	122.0	689,080	724,500	695,400
MISS 1/	115	170	68.0	78.0	4,900	7,820	13,260
MO	2,480	2,400	110.0	115.0	154,400	272,800	276,000
MONT 1/	11	10	95.0	105.0	1,380	1,045	1,050
NEBR	7,450	6,850	128.0	130.0	806,200	953,600	890,500
N H 2/							
N J 1/	114	105	110.0	95.0	11,663	12,540	9,975
N MEX 1/	65	50	155.0	155.0	9,450	10,075	7,750
N Y	720	640	95.0	98.0	60,970	68,400	62,720
N C	1,625	1,360	79.0	62.0	145,800	128,375	84,320
N DAK	560	600	72.0	80.0	41,580	40,320	48,000
OHIO	4,030	3,700	127.0	128.0	460,200	511,810	473,600
OKLA 1/	56	50	106.0	110.0	5,250	6,148	5,500
OREG 1/	40	35	169.0	175.0	6,678	6,600	6,125
PA	1,380	1,340	110.0	104.0	148,500	151,800	139,360
R I 2/							
S C	520	480	88.0	45.0	34,866	45,760	21,600
S DAK	3,000	2,700	84.0	86.0	186,200	252,000	232,200
TENN	810	770	98.0	80.0	65,550	79,380	61,600
TEX	1,490	1,250	105.0	107.0	144,150	156,450	133,750
UTAH 1/	16	16	115.0	115.0	1,888	1,840	1,840
VT 2/							
VA	550	510	99.0	50.0	56,160	54,450	25,500
WASH 1/	135	120	160.0	150.0	23,250	21,600	18,000
W VA 1/	73	75	105.0	95.0	8,100	7,665	7,125
WIS	3,350	3,100	107.0	114.0	344,500	358,450	353,400
WYO 1/	53	48	98.0	97.0	6,000	5,194	4,656
U S	75,134	69,071	118.0	119.7	7,674,020	8,865,006	8,268,141

1/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.
2/ ALL ACREAGE IS FOR SILAGE.

BEST COPY AVAILABLE

SORGHUM FOR GRAIN

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1985	IND 1986	1985	IND 1986	1984	1985	IND 1986
	1,000 ACRES		BUSHELS		1,000 BUSHELS		
ALA 1/	230	90	55.0	45.0	9,000	12,650	4,050
ARIZ 1/	16	10	81.0	87.0	1,360	1,296	870
ARK	920	595	72.0	60.0	42,480	66,240	35,700
CALIF 1/	36	26	83.0	85.0	3,936	2,988	2,210
COLO	320	280	35.0	33.0	15,910	11,200	9,240
GA 1/	138	65	48.0	30.0	4,746	6,624	1,950
ILL	470	200	77.0	85.0	19,665	36,190	17,000
IND 2/					845		
IOWA 2/					660		
KANS	4,200	4,000	69.0	69.0	216,750	289,800	276,000
KY 1/	143	65	80.0	75.0	9,200	11,440	4,875
LA	410	360	68.0	70.0	17,485	27,880	25,200
MISS	620	240	64.0	63.0	23,680	39,680	15,120
MO	1,410	1,100	83.0	81.0	91,770	117,030	89,100
NEBR	1,920	1,500	80.0	81.0	121,600	153,600	121,500
N MEX	290	220	48.0	46.0	15,400	13,920	10,120
N C 1/	62	50	52.0	28.0	3,025	3,224	1,400
OKLA	500	450	45.0	45.0	18,000	22,500	20,250
S C 1/	47	38	47.0	28.0	1,564	2,209	1,064
S DAK	375	350	40.0	46.0	18,565	15,000	16,100
TENN	465	165	80.0	65.0	20,800	37,200	10,725
TEX	4,100	3,700	59.0	57.0	209,350	241,900	210,900
VA 2/					450		
U S	16,672	13,504	66.7	64.7	866,241	1,112,571	873,374

1/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.
2/ ESTIMATES DISCONTINUED AFTER 1984 CROP.

BEST COPY AVAILABLE

OATS

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1985	IND 1986	1985	IND 1986	1984	1985	IND 1986
	1,000 ACRES		BUSHELS		1,000 BUSHELS		
ALA 1/	35	30	41.0	33.0	1,440	1,435	990
ARK 1/	17	34	65.0	66.0	1,960	1,105	2,244
CALIF 1/	45	50	67.0	63.0	3,450	3,015	3,150
COLO 1/	55	40	53.0	52.0	2,750	2,915	2,080
GA 1/	45	40	45.0	37.0	3,300	2,025	1,480
IDAHO 1/	40	30	53.0	67.0	2,992	2,120	2,010
ILL 1/	160	200	78.0	75.0	11,385	12,480	15,000
IND	110	90	69.0	69.0	4,960	7,590	6,210
IOWA	760	630	76.0	58.0	47,360	57,760	36,540
KANS 1/	200	240	56.0	54.0	6,360	11,200	12,960
KY 1/	9	12	45.0	39.0	252	405	468
MAINE 1/	46	43	73.0	65.0	2,240	3,358	2,795
MD 1/	15	17	60.0	53.0	855	900	901
MICH	390	320	67.0	65.0	21,700	26,130	20,800
MINN	1,100	850	70.0	49.0	78,000	77,000	41,650
MO 1/	105	110	55.0	48.0	1,584	5,775	5,280
MONT	70	163	33.0	50.0	3,885	2,310	8,150
NEBR	380	360	60.0	59.0	15,680	22,800	21,240
N J 1/	5	5	63.0	50.0	336	315	250
N Y	230	190	77.0	72.0	10,620	17,710	13,680
N C 1/	62	55	42.0	40.0	3,944	2,604	2,200
N DAK	840	900	53.0	56.0	49,980	44,520	50,400
OHIO	310	160	85.0	76.0	13,860	26,350	12,160
OKLA 1/	65	90	43.0	45.0	3,680	2,795	4,050
OREG	100	95	92.0	90.0	6,600	9,200	8,550
PA	300	270	70.0	62.0	15,960	21,000	16,740
S C 1/	42	32	38.0	33.0	2,320	1,596	1,056
S DAK	1,420	1,200	56.0	40.0	86,800	79,520	48,000
TENN 2/					235		
TEX 1/	300	250	50.0	35.0	8,750	15,000	8,750
UTAH 1/	13	12	69.0	70.0	871	897	840
VA 1/	14	14	47.0	45.0	564	658	630
WASH 1/	33	33	65.0	65.0	2,040	2,145	2,145
W VA 1/	8	10	61.0	54.0	408	488	540
WIS	780	900	66.0	62.0	53,320	51,480	55,800
WYO 1/	45	62	45.0	53.0	3,220	2,025	3,286
U S	8,149	7,537	63.6	54.8	473,661	518,626	413,025

1/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.
2/ ESTIMATES DISCONTINUED AFTER 1984.

BEST COPY AVAILABLE

BARLEY

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1985	IND 1986	1985	IND 1986	1984	1985	IND 1986
	1,000 ACRES		BUSHELS		1,000 BUSHELS		
ARIZ 1/	62	31	97.0	100.0	5,353	6,014	3,100
CALIF 1/	420	400	59.0	57.0	28,980	24,780	22,800
COLO	340	370	64.0	63.0	20,150	21,760	23,310
DEL 1/	57	50	58.0	61.0	2,750	3,306	3,050
IDAHO	1,240	1,110	58.0	61.0	88,440	71,920	67,710
KANS 1/	170	290	44.0	38.0	6,665	7,480	11,020
KY 1/	26	20	35.0	31.0	1,110	910	620
MD 1/	96	82	57.0	63.0	5,510	5,472	5,166
MICH 1/	38	48	68.0	63.0	2,040	2,584	3,024
MINN	1,075	1,000	66.0	55.0	61,750	70,950	55,000
MONT	1,500	2,300	20.0	40.0	59,080	30,000	92,000
NEBR 1/	120	170	32.0	41.0	2,652	3,840	6,970
NEV 1/	37	37	80.0	80.0	3,330	2,960	2,960
N J 1/	17	16	63.0	58.0	825	1,071	928
N MEX 1/	15	18	70.0	75.0	1,500	1,050	1,350
N C 1/	66	47	40.0	34.0	4,032	2,640	1,598
N DAK	3,350	3,650	55.0	52.0	153,700	184,250	189,800
OKLA 1/	50	50	38.0	36.0	2,050	1,900	1,800
OREG	350	365	55.0	55.0	17,360	19,250	20,075
PA 1/	70	65	62.0	60.0	3,640	4,340	3,900
S C 1/	32	21	38.0	30.0	1,560	1,216	630
S DAK	720	870	45.0	40.0	30,345	32,400	34,800
TEX 1/	50	50	45.0	42.0	2,000	2,250	2,100
UTAH	159	155	74.0	74.0	11,607	11,766	11,470
VA 1/	100	75	48.0	50.0	5,760	4,800	3,750
WASH	1,180	920	48.0	45.0	63,700	56,640	41,400
W VA 2/					265		
WIS 1/	53	85	58.0	56.0	2,650	3,074	4,760
WYO	160	160	66.0	68.0	10,400	10,560	10,880
U S	11,553	12,455	51.0	50.3	599,204	589,183	625,971

1/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.
2/ ESTIMATES DISCONTINUED AFTER 1984 CROP.

BEST COPY AVAILABLE

ALL WHEAT

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1985	IND 1986	1985	IND 1986	1984	1985	IND 1986
	1,000 ACRES		BUSHELS		1,000 BUSHELS		
ALA 1/	400	220	32.0	25.0	14,820	12,800	5,500
ARIZ 1/	112	99	87.5	90.4	12,780	9,804	8,949
ARK 1/	570	815	32.0	42.0	61,600	18,240	34,230
CALIF 1/	830	675	83.0	76.7	61,840	68,860	51,750
COLO 1/	3,522	2,955	39.6	34.6	115,020	139,302	102,120
DEL 1/	43	34	48.0	36.0	2,009	2,064	1,224
FLA 1/2/	130	100	33.0	31.0		4,290	3,100
GA 1/	825	550	31.0	26.0	31,150	25,575	14,300
IDAHO	1,350	1,310	53.4	58.9	81,400	72,030	77,220
ILL 1/	750	820	49.0	44.0	70,400	36,750	36,080
IND 1/	700	700	53.0	42.0	48,300	37,100	29,400
IOWA 1/	112	60	48.0	38.0	3,600	5,376	2,280
KANS 1/	11,400	10,200	38.0	32.0	431,200	433,200	326,400
KY 1/	310	270	34.0	34.0	19,000	10,540	9,180
LA 1/	210	210	34.0	35.0	13,120	7,140	7,350
MD 1/	133	140	49.0	42.0	6,020	6,517	5,880
MICH 1/	750	700	60.0	48.0	45,600	45,000	33,600
MINN	2,683	2,964	53.1	39.1	120,711	142,426	115,794
MISS 1/	300	200	31.0	31.0	25,080	9,300	6,200
MO 1/	1,280	590	39.0	32.0	84,050	49,920	18,880
MONT	3,960	4,887	12.7	29.8	104,655	50,240	145,655
NEBR 1/	2,300	2,000	39.0	39.0	81,000	89,700	78,000
NEV 1/	24	23	73.8	75.9	1,840	1,770	1,745
N J 1/	37	34	52.0	40.0	1,677	1,924	1,360
N MEX 1/	570	500	36.0	22.0	11,960	20,520	11,000
N Y 1/	145	155	58.0	52.0	7,820	8,410	8,060
N C 1/	760	460	29.0	30.0	26,660	22,040	13,800
N DAK	8,870	9,130	36.4	32.4	284,190	323,255	296,000
OHIO 1/	950	1,050	62.0	46.0	48,400	58,900	48,300
OKLA 1/	5,500	5,200	30.0	29.0	190,800	165,000	150,800
OREG 1/	1,065	1,015	52.6	56.4	68,945	56,040	57,260
PA 1/	210	220	48.0	44.0	8,360	10,080	9,680
S C 1/	430	300	29.0	27.0	14,440	12,470	8,100
S DAK	3,755	3,894	29.6	31.1	126,038	111,215	121,158
TENN 1/	250	325	32.0	34.0	21,400	8,000	11,050
TEX 1/	5,850	4,800	32.0	24.0	150,000	187,200	115,200
UTAH 1/	260	263	33.5	33.2	8,055	8,720	8,720
VA 1/	285	180	37.0	38.0	12,375	10,545	6,840
WASH	2,690	2,420	47.7	49.9	160,350	128,250	120,680
W VA 1/	8	9	43.0	35.0	400	344	315
WIS 1/	157	148	53.4	55.1	9,640	8,380	8,148
WYO 1/	248	278	22.3	33.2	8,072	5,528	9,230
U S	64,734	60,903	37.5	34.8	2,594,777	2,424,765	2,120,538

1/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.
2/ ESTIMATES BEGIN WITH 1985 CROP.

WHEAT PRODUCTION BY CLASSES, UNITED STATES 1/

YEAR	WINTER			SPRING			TOTAL
	HARD RED	SOFT RED	WHITE	HARD RED	DURUM	WHITE	
	1,000 BUSHELS						
1984	1,250,597	531,370	278,299	408,801	103,439	22,271	2,594,777
1985	1,230,075	368,026	229,094	460,262	112,510	24,798	2,424,765
1986 2/	1,028,586	289,294	214,646	464,293	96,384	27,335	2,120,538

1/ WHEAT CLASS ESTIMATES ARE BASED ON VARIETY ACREAGE SURVEY DATA COLLECTED AT 5-YEAR INTERVALS FOR ALL WHEAT PRODUCING STATES. THE 5-YEAR VARIETAL SURVEY DATA ARE ADJUSTED ANNUALLY AS OTHER VARIETY SURVEY INFORMATION BECOMES AVAILABLE.
2/ INDICATED SEPTEMBER 1, 1986.

BEST COPY AVAILABLE

DURUM WHEAT

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1985	IND 1986	1985	IND 1986	1984	1985	IND 1986
	1,000 ACRES		BUSHELS		1,000 BUSHELS		
ARIZ 1/	46	51	84.0	87.0	7,200	3,864	4,437
CALIF 1/	80	75	92.0	90.0	9,400	7,360	6,750
MINN	33	34	52.0	41.0	1,551	1,716	1,394
MONT	160	147	9.0	25.0	3,570	1,440	3,675
N DAK	2,690	2,450	35.5	32.0	78,590	95,495	78,400
S DAK	85	64	31.0	27.0	3,128	2,635	1,728
U S	3,094	2,821	36.4	34.2	103,439	112,510	96,384

1/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.

OTHER SPRING WHEAT

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1985	IND 1986	1985	IND 1986	1984	1985	IND 1986
	1,000 ACRES		BUSHELS		1,000 BUSHELS		
COLO 1/	72	55	66.0	64.0	4,620	4,752	3,520
IDAHO	480	460	54.0	57.0	24,700	25,920	26,220
MINN	2,370	2,800	55.0	39.0	103,680	130,350	109,200
MONT	2,400	2,740	11.0	27.0	34,125	26,400	73,980
NEV 1/	15	14	70.0	70.0	1,200	1,050	980
N DAK	5,730	6,200	37.0	32.0	183,600	212,010	198,400
OREG 1/	105	115	40.0	44.0	2,795	4,200	5,060
S DAK	2,150	2,050	30.0	27.0	61,710	64,500	55,350
UTAH 1/	40	38	42.0	40.0	1,620	1,680	1,520
WASH	290	320	45.0	49.0	11,550	13,050	15,680
WIS 1/	17	18	40.0	41.0	680	680	738
WYO 1/	18	28	26.0	35.0	792	468	980
U S	13,687	14,838	35.4	33.1	431,072	485,060	491,628

1/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.

RICE

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1985	IND 1986	1985	IND 1986	1984	1985	IND 1986
	1,000 ACRES		POUNDS		1,000 CWT		
ARK	1,050.0	1,040.0	5,200	5,100	52,900	54,600	53,040
CALIF	400.0	340.0	7,400	7,500	32,060	29,594	25,500
LA	463.0	418.0	4,370	4,550	21,932	20,256	19,019
MISS	188.0	178.0	5,350	5,300	8,265	10,058	9,434
MO 1/	72.0	68.0	4,810	4,600	3,493	3,463	3,128
TEX	329.0	289.0	5,490	6,000	20,160	18,071	17,340
U S	2,502.0	2,333.0	5,437	5,463	138,810	136,042	127,461

1/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.

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RICE PRODUCTION BY CLASSES, UNITED STATES

YEAR	LONG GRAIN	MEDIUM GRAIN	SHORT GRAIN	ALL
	1,000 CWT			
1984	96,029	35,304	7,477	138,810
1985	100,938	28,680	6,424	136,042
1986 1/	93,358	29,766	4,337	127,461

1/ INDICATED SEPTEMBER 1, 1986, RICE CLASS FORECASTS ARE BASED ON A FIVE YEAR AVERAGE OF CLASS PERCENTAGES. THE CLASS PERCENTAGES ARE ADJUSTED AS DATA BECOME AVAILABLE THROUGH THE GROWING SEASON.

SOYBEANS FOR BEANS

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1985	IND 1986	1985	IND 1986	1984	1985	IND 1986
	1,000 ACRES		BUSHELS		1,000 BUSHELS		
ALA	1,030	630	27.0	19.0	28,770	27,810	11,970
ARK	3,700	3,450	26.5	18.0	101,400	98,050	62,100
DEL 1/	240	230	30.0	27.0	6,000	7,200	6,210
FLA 1/	230	170	26.0	23.0	7,800	5,980	3,910
GA	1,550	850	24.0	16.0	40,000	37,200	13,600
ILL	9,000	8,950	42.5	42.0	284,130	382,500	375,900
IND	4,460	4,250	41.5	39.0	150,075	185,090	165,750
IOWA	8,150	8,600	38.0	40.0	264,600	309,700	344,000
KANS	1,410	1,760	31.0	31.0	27,825	43,710	54,560
KY	1,230	1,070	34.0	28.0	42,340	41,820	29,960
LA	2,100	1,900	21.0	23.0	66,825	44,100	43,700
MD	400	380	32.0	26.0	12,325	12,800	9,880
MICH	1,080	980	32.0	33.0	32,130	34,560	32,340
MINN	5,000	4,850	32.0	36.0	172,920	160,000	174,600
MISS	2,620	2,500	27.0	17.0	76,800	70,740	42,500
MO	5,230	5,600	34.5	34.0	108,650	180,435	190,400
NEBR	2,360	2,450	36.0	37.0	66,300	84,960	90,650
N J 1/	129	118	34.0	26.0	4,123	4,386	3,068
N C	1,700	1,600	23.0	23.0	46,540	39,100	36,800
N DAK 1/	490	490	26.0	29.0	17,020	12,740	14,210
OHIO	3,870	3,650	41.5	39.0	137,605	160,605	142,350
OKLA 1/	190	230	23.0	21.0	4,180	4,370	4,830
PA 1/	170	180	35.0	30.0	5,950	5,950	5,400
S C	1,230	900	20.0	16.0	29,800	24,600	14,400
S DAK	1,270	1,340	32.0	31.0	31,280	40,640	41,540
TENN	1,460	1,500	31.0	24.0	48,100	45,260	36,000
TEX	290	210	25.0	25.0	11,890	7,250	5,250
VA	695	635	25.0	21.0	21,535	17,375	13,335
WIS 1/	300	320	32.0	33.0	13,950	9,600	10,560
U S	61,584	59,793	34.1	33.1	1,860,863	2,098,531	1,979,773

1/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.

BEST COPY AVAILABLE

COTTON

CROP AND STATE	AREA HARVESTED 1985	AREA HARVESTED IND 1986	YIELD 1985	YIELD IND 1986	PRODUCTION 1/ 1984	PRODUCTION 1/ 1985	PRODUCTION 1/ IND 1986
	1,000 ACRES		POUNDS		1,000 BALES 2/		
UPLAND							
ALA	329.0	347.0	795	498	447.0	545.0	360.0
ARIZ	359.0	259.0	1,241	1,297	1,097.0	928.0	700.0
ARK	440.0	440.0	767	622	612.0	703.0	570.0
CALIF	1,320.0	1,010.0	1,132	1,046	2,913.0	3,114.0	2,200.0
FLA 3/	22.5	21.5	693	670	30.0	32.5	30.0
GA	245.0	210.0	725	434	281.0	370.0	190.0
KANS 3/	.6	1.0	320	576	.3	.4	1.2
LA	630.0	570.0	565	674	1,056.0	742.0	800.0
MISS	1,040.0	1,025.0	764	609	1,650.0	1,655.0	1,300.0
MO	150.0	160.0	653	525	187.0	204.0	175.0
N MEX	54.0	42.0	631	686	87.0	71.0	60.0
N C	87.0	79.0	646	456	120.0	117.0	75.0
OKLA	360.0	350.0	380	398	183.0	285.0	290.0
S C	122.0	113.0	708	319	170.0	180.0	75.0
TENN	335.0	290.0	600	472	337.0	419.0	285.0
TEX	4,650.0	3,900.0	404	394	3,680.0	3,910.0	3,200.0
VA 3/	1.3	1.4	443	411	1.1	1.2	1.2
U S	10,145.4	8,818.9	628	561	12,851.4	13,277.1	10,312.4
AMER-PIMA							
ARIZ	56.3	72.5	927	993	88.1	108.7	150.0
N MEX	7.9	10.0	687	720	12.4	11.3	15.0
TEX	19.4	17.8	868	782	29.9	35.1	29.0
U S	83.6	100.3	891	928	130.4	155.1	194.0
ALL							
ALA	329.0	347.0	795	498	447.0	545.0	360.0
ARIZ	415.3	331.5	1,198	1,231	1,185.1	1,036.7	850.0
ARK	440.0	440.0	767	622	612.0	703.0	570.0
CALIF	1,320.0	1,010.0	1,132	1,046	2,913.0	3,114.0	2,200.0
FLA 3/	22.5	21.5	693	670	30.0	32.5	30.0
GA	245.0	210.0	725	434	281.0	370.0	190.0
KANS 3/	.6	1.0	320	576	.3	.4	1.2
LA	630.0	570.0	565	674	1,056.0	742.0	800.0
MISS	1,040.0	1,025.0	764	609	1,650.0	1,655.0	1,300.0
MO	150.0	160.0	653	525	187.0	204.0	175.0
N MEX	61.9	52.0	638	692	99.4	82.3	75.0
N C	87.0	79.0	646	456	120.0	117.0	75.0
OKLA	360.0	350.0	380	398	183.0	285.0	290.0
S C	122.0	113.0	708	319	170.0	180.0	75.0
TENN	335.0	290.0	600	472	337.0	419.0	285.0
TEX	4,669.4	3,917.8	406	396	3,709.9	3,945.1	3,229.0
VA 3/	1.3	1.4	443	411	1.1	1.2	1.2
U S	10,229.0	8,919.2	630	565	12,981.8	13,432.2	10,506.4

1/ PRODUCTION GINNED AND TO BE GINNED.
2/ 480-LB. NET WEIGHT BALES.
3/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.

COTTONSEED

STATE	PRODUCTION 1984	PRODUCTION 1985	PRODUCTION IND 1986
	1,000 TONS		
U S	5,149	5,279	4,152

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DRY EDIBLE BEANS 1/

CROP AND STATE	AREA HARVESTED 1985	AREA HARVESTED IND 1986	YIELD 1985	YIELD IND 1986	PRODUCTION 1984	PRODUCTION 1985	PRODUCTION IND 1986
	1,000 ACRES		POUNDS		1,000 CWT		
LARGE LIMA							
CALIF	43.0	17.0	2,120	2,200	648	912	374
BABY LIMA							
CALIF	26.0	30.0	2,460	2,400	546	640	720
OTHER							
CALIF	104.0	108.0	1,840	1,860	2,024	1,914	2,009
ALL							
CALIF	173.0	155.0	2,003	2,002	3,218	3,466	3,103
COLO	220.0	220.0	1,340	1,260	2,394	2,948	2,772
IDAHO	118.0	133.0	1,700	1,800	2,470	2,006	2,394
KANS 2/	16.0	20.0	1,700	1,650	204	272	330
MICH	410.0	470.0	1,320	1,500	4,290	5,412	7,050
MINN	62.0	61.0	1,400	1,500	700	868	915
MONT 2/	3.0	2.7	1,900	1,900	152	57	51
NEBR	146.0	205.0	1,850	1,900	3,230	2,701	3,895
N Y	33.0	30.0	900	1,150	372	297	345
N DAK	237.0	275.0	1,270	1,300	2,520	3,010	3,575
UTAH 2/	8.4	8.8	480	550	54	40	48
WASH	33.0	28.0	2,150	2,250	707	710	630
WYO	27.0	32.0	1,780	1,840	759	481	589
U S	1,486.4	1,640.5	1,498	1,566	21,070	22,268	25,697

1/ EXCLUDES BEANS GROWN FOR GARDEN SEED.
2/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.

PEANUTS FOR NUTS

STATE	AREA HARVESTED 1985	AREA HARVESTED IND 1986	YIELD 1985	YIELD IND 1986	PRODUCTION 1/ 1984	PRODUCTION 1/ 1985	PRODUCTION 1/ IND 1986
	1,000 ACRES		POUNDS		1,000 POUNDS		
ALA	200.0	218.0	2,950	2,000	648,550	590,000	436,000
FLA	72.0	70.0	3,000	2,700	246,400	216,000	189,000
GA	593.0	660.0	3,240	2,400	2,160,000	1,921,320	1,584.000
N MEX 2/	12.4	12.0	2,580	2,500	32,190	31,992	30,000
N C	154.0	143.0	2,935	2,900	449,500	451,990	414,700
OKLA	83.0	95.0	2,060	2,000	189,000	170,980	190,000
S C	12.0	12.0	2,850	2,000	39,150	34,200	24,000
TEX	245.0	190.0	1,725	1,800	371,295	422,625	342,000
VA	96.0	87.0	2,955	2,950	269,660	283,680	256,650
U S	1,467.4	1,487.0	2,810	2,331	4,405,745	4,122,787	3,466,350

1/ ESTIMATES COMPRISED OF QUOTA AND NON-QUOTA PEANUTS.
2/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.

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POTATOES

SEASONAL GROUP AND STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1985	IND 1986	1985	IND 1986	1984	1985	IND 1986
	1,000 ACRES		CWT		1,000 CWT		
WINTER 1/							
CALIF	5.4	5.1	260	275	1,456	1,404	1,403
FLA	7.8	7.2	165	200	1,184	1,287	1,440
TOTAL	13.2	12.3	204	231	2,640	2,691	2,843
SPRING 1/							
ALA	5.3	4.7	160	145	644	848	682
ARIZ	5.8	6.1	250	300	1,647	1,450	1,830
CALIF	27.5	19.5	385	380	11,115	10,588	7,410
FLA-HASTINGS	26.0	24.5	245	270	6,500	6,370	6,615
-OTHER	1.3	.9	210	190	240	273	171
LA	.6	.6	70	65	60	42	39
N C	14.0	13.1	165	145	2,352	2,310	1,900
TEX	6.5	6.2	170	180	1,240	1,105	1,116
TOTAL	87.0	75.6	264	261	23,798	22,986	19,763
SUMMER							
ALA	7.8	7.3	180	135	955	1,404	986
CALIF	7.2	6.6	375	360	2,916	2,700	2,376
COLO	7.4	7.2	300	290	1,988	2,220	2,088
DEL	6.5	6.9	280	190	1,265	1,820	1,311
ILL	3.0	2.9	285	250	636	855	725
IND	1.9	2/	140	2/	216	266	2/
IOWA	1.6	1.7	206	190	210	330	323
MD	1.6	1.6	200	170	296	320	272
MICH	13.8	12.8	220	225	2,560	3,036	2,880
MINN	6.5	6.2	275	265	1,680	1,788	1,643
NEBR	2.5	2.2	280	260	572	700	572
N J	8.8	8.1	280	240	1,828	2,464	1,944
N MEX	10.4	9.4	275	310	2,639	2,860	2,914
N C	2.3	1.9	115	90	348	265	171
OHIO	1.1	2/	310	2/	342	341	2/
TENN	2.5	2.0	150	90	270	375	180
TEX	12.5	9.9	220	250	2,825	2,750	2,475
VA	16.5	13.9	200	80	1,540	3,300	1,112
TOTAL	113.9	100.6	244	218	23,086	27,794	21,972
FALL 1/ 3/							
CALIF	21.5	18.0	390		7,280	8,385	
COLO	56.0	52.0	320		17,225	17,920	
CONN	1.4	1.0	250		315	350	
IDAHO-10 SW CO	29.0	17.0	375		9,380	10,875	
-OTHER CO	316.0	290.0	290		77,220	91,640	
IND	2.6	4/ 4.5	240		750	624	
MAINE	99.0	84.0	285		21,360	28,215	
MASS	3.3	2.9	250		580	825	
MICH	44.0	40.0	275		12,540	12,100	
MINN	69.0	70.0	205		13,775	14,145	
MONT	7.0	7.5	270		1,924	1,890	
NEBR	7.8	6.9	270		2,480	2,106	
NEV	9.0	8.0	345		3,300	3,105	
N Y-LONG IS	12.9	8.9	300		3,577	3,870	
-UPSTATE	25.5	23.5	250		6,630	6,375	
N DAK	139.0	124.0	170		20,615	23,630	
OHIO	9.3	4/ 9.7	265		2,418	2,465	
OREG-MALHEUR CO	10.2	6.8	370		3,960	3,774	
-OTHER CO	50.8	44.2	455		19,565	23,114	
PA	22.0	21.5	260		5,160	5,720	
R I	2.5	1.6	280		598	700	
S DAK	12.0	12.0	175		1,820	2,100	
UTAH	6.5	6.4	255		1,728	1,658	
VT	.2	.1	235		63	47	
WASH	126.0	116.0	505		56,925	63,630	
WIS	61.0	57.0	350		21,350	21,350	
WYO	1.0	2.0	245		550	245	
TOTAL	1,144.5	1,035.5	307		313,088	350,858	
U S 3/	1,358.6	1,224.0	298		362,612	404,329	

1/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.
2/ COMBINED WITH "FALL" ESTIMATES FOR 1986 YIELD AND PRODUCTION FOR FALL POTATOES WILL BE PUBLISHED IN CROP PRODUCTION TO BE RELEASED NOV. 10, 1986.
3/ 1985 REVISED.
4/ INCLUDES AREAS PREVIOUSLY CLASSIFIED AS "SUMMER".

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AREA PLANTED, POTATOES

SEASONAL GROUP AND STATE	1985	1986	SEASONAL GROUP AND STATE	1985	1986
	1,000 ACRES			1,000 ACRES	
WINTER 1/			FALL 1/ 3/		
CALIF	5.4	5.1	CALIF	21.7	18.0
FLA	7.8	7.2	COLO	56.5	52.5
			CONN	1.4	1.0
TOTAL	13.2	12.3	IDAHO-10 SW CO	30.0	17.0
			-OTHER CO	325.0	293.0
SPRING 1/			IND	2.8	4/ 4.9
ALA	5.4	4.9	MAINE	100.0	85.0
ARIZ	5.8	6.1	MASS	3.3	2.9
CALIF	30.5	19.5	MICH	46.0	42.0
FLA-HASTINGS	26.5	25.0	MINN	78.5	74.0
-OTHER	1.4	1.0	MONT	7.9	7.6
LA	.7	.6	NEBR	8.5	7.1
N C	15.0	13.2	NEV	9.0	8.0
TEX	6.7	6.4	N Y-LONG IS	13.0	9.0
			-UPSTATE	26.0	24.0
TOTAL	92.0	76.7	N DAK	145.0	128.0
			OHIO	9.5	4/ 10.2
SUMMER			OREG-MALHEUR	11.0	7.0
ALA	8.0	7.5	-OTHER CO	51.0	45.0
CALIF	7.5	6.6	PA	22.5	22.0
COLO	7.6	7.4	R I	2.5	1.6
DEL	6.5	7.0	S DAK	14.0	13.0
ILL	3.2	3.0	UTAH	6.6	6.4
IND	2.1	2/	VT	.2	.1
IOWA	1.6	1.7	WASH	127.0	117.0
MD	1.6	1.7	WIS	62.0	58.0
MICH	14.0	13.0	WYO	2.4	2.2
MINN	6.7	6.3			
NEBR	2.6	2.3	TOTAL	1,183.3	1,056.5
N J	9.0	8.2			
N MEX	10.5	9.6	U S 3/	1,406.1	1,247.8
N C	2.5	2.0			
OHIO	1.2	2/			
TENN	2.5	2.0			
TEX	13.5	10.0			
VA	17.0	14.0			
TOTAL	117.6	102.3			

1/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.
2/ COMBINED WITH "FALL".
3/ 1985 REVISED.
4/ INCLUDES AREAS PREVIOUSLY CLASSIFIED AS "SUMMER".

TOBACCO

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1985	IND 1986	1985	IND 1986	1984	1985	IND 1986
	ACRES		POUNDS		1,000 POUNDS		
CONN	2,000	1,980	1,658	1,590	2,824	3,315	3,148
FLA	6,100	5,800	2,675	2,500	17,920	16,318	14,500
GA	36,000	33,000	2,280	2,150	85,500	82,080	70,950
IND	6,500	6,100	2,240	2,150	18,792	14,560	13,115
KY	186,300	159,100	2,300	2,025	530,088	428,409	322,178
MD	20,000	18,000	1,330	1,280	30,360	26,600	23,040
MASS	490	480	1,594	1,535	785	781	737
MO 1/	2,500	2,300	2,180	2,150	5,844	5,450	4,945
N C	250,700	228,000	2,220	2,040	590,026	556,522	465,120
OHIO	7,920	7,300	2,140	1,900	26,507	16,946	13,870
PA	11,500	11,000	1,904	1,880	22,370	21,900	20,680
S C	43,000	40,000	2,300	2,100	105,515	98,900	84,000
TENN	61,710	54,000	2,065	1,715	164,646	127,403	92,610
VA	43,300	39,000	2,104	1,825	115,897	91,092	71,175
W VA 1/	1,800	1,800	1,880	1,860	4,488	3,384	3,348
WIS	8,200	6,700	2,141	2,200	16,400	17,560	14,740
U S	688,020	614,560	2,196	1,982	1,727,962	1,511,220	1,218,156

1/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.

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SUGARBEETS 1/

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1985	IND 1986	1985	IND 1986	1984	1985	IND 1986
	1,000 ACRES		TONS		1,000 TONS		
CALIF	203.0	197.0	23.5	25.0	5,088	4,771	4,925
COLO	2.5	36.9	18.5	21.0	964	46	775
IDAHO	152.0	160.0	23.0	24.0	3,312	3,496	3,840
KANS	.0	.0	0.0	0.0	122	0	0
MICH	118.0	136.0	19.7	21.0	2,117	2,325	2,856
MINN	276.0	313.0	18.4	17.5	4,340	5,088	5,477
MONT	42.7	47.1	19.0	20.5	416	811	966
NEBR	53.2	59.0	23.1	23.0	1,480	1,229	1,357
N DAK	144.2	162.0	16.8	17.0	2,309	2,423	2,754
OHIO	12.7	15.0	20.3	20.0	201	258	300
OREG	11.8	12.8	27.0	27.5	307	319	352
TEX	37.0	37.0	22.5	23.0	824	833	851
WYO	49.4	50.5	21.0	19.5	654	1,037	985
U S	1,102.5	1,226.3	20.5	20.7	22,134	22,636	25,438

1/ RELATES TO YEAR OF INTENDED HARVEST EXCEPT FOR OVERWINTERED SPRING PLANTED BEETS IN CALIF.

SUGARCANE FOR SUGAR AND SEED

STATE	AREA HARVESTED		YIELD		PRODUCTION		
	1985	IND 1986	1985	IND 1986	1984	1985	IND 1986
	1,000 ACRES		TONS		1,000 TONS		
FLA	398.7	405.0	32.9	33.0	12,617	13,117	13,365
HAW	89.4	90.0	90.9	94.0	8,684	8,129	8,460
LA	250.0	275.0	24.0	27.0	5,060	6,006	7,425
TEX	31.9	31.4	30.1	32.0	979	961	1,005
U S	770.0	801.4	36.6	37.8	27,340	28,213	30,255

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HOPS

STATE	AREA HARVESTED		YIELD		PRODUCTION 1/		
	1985	IND 1986	1985	IND 1986	1984	1985	IND 1986
	1,000 ACRES		POUNDS		1,000 POUNDS		
CALIF 2/					200		
IDAHO	3.1	2.5	1,630	1,710	5,425	5,053	4,275
OREG	5.5	5.1	1,490	1,650	6,958	8,195	8,415
WASH	19.5	17.4	1,870	1,850	43,584	36,465	32,190
U S	28.1	25.0	1,769	1,795	56,167	49,713	44,880

1/ INCLUDES HOPS LOST BY FIRE(POUNDS):
1984-WASH 10,000; 1985-40,000.
2/ 1985 AND 1986 DATA COMBINED WITH WASHINGTON TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

PASTURE AND RANGE FEED CONDITION 1/

STATE	AVERAGE 1975-84	1985	1986	STATE	AVERAGE 1975-84	1985	1986
	PERCENT				PERCENT		
ALA	75	90	49	NEV	84	69	70
ARIZ	75	72	89	N H	85	72	94
ARK	67	76	75	N J	75	86	82
CALIF	78	76	89	N MEX	76	83	98
COLO	78	83	72	N Y	78	63	92
CONN	80	90	95	N C	73	88	62
DEL	75	81	43	N DAK	66	63	86
FLA	83	86	86	OHIO	82	84	69
GA	70	85	52	OKLA	67	84	83
IDAHO	87	64	78	OREG	86	64	69
ILL	73	85	83	PA	78	78	77
IND	80	88	75	R I	87	100	95
IOWA	73	77	91	S C	68	85	51
KANS	69	94	86	S DAK	71	50	89
KY	80	93	65	TENN	76	85	72
LA	75	80	88	TEX	60	61	71
MAINE	83	66	96	UTAH	81	70	88
MD	76	85	48	VT	80	65	92
MASS	83	89	96	VA	76	91	69
MICH	76	83	85	WASH	83	57	76
MINN	71	78	92	W VA	81	88	64
MISS	76	84	59	WIS	76	74	88
MO	61	91	72	WYO	84	47	88
MONT	78	43	76				
NEBR	75	76	85	U S	73	75	79

1/ GOOD TO EXCELLENT, 80 AND OVER; POOR TO FAIR 65-79; VERY POOR, 50-64; SEVERE DROUGHT, 35-49; EXTREME DROUGHT, UNDER 35.

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CITRUS FRUIT 1/

CROP AND STATE	PRODUCTION BOXES UTILIZED 1984-85	UTILIZED 1985-86	INDICATED 1986-87	PRODUCTION TON EQUIVALENT UTILIZED 1984-85	UTILIZED 1985-86	INDICATED 1986-87
	1,000 UNITS 2/			1,000 UNITS		
ORANGES, EARLY MID & NAVEL 3/						
ARIZ	650	600		25	23	
CALIF	26,200	33,300	40,000	982	1,249	1,500
FLA	55,000	64,200		2,475	2,889	
TEX 4/	0	200		0	9	
U S	81,850	98,300		3,482	4,170	
ORANGES, VALENCIA						
ARIZ	1,800	1,700		68	64	
CALIF	26,200	21,500		983	807	
FLA	48,900	54,800		2,201	2,466	
TEX 4/	0	110		0	5	
U S	76,900	78,110		3,252	3,342	
ALL ORANGES						
ARIZ	2,450	2,300		93	87	
CALIF	52,400	54,800		1,965	2,056	
FLA	103,900	119,000		4,676	5,355	
TEX 4/	0	310		0	14	
U S	158,750	176,410		6,734	7,512	
TEMPLES						
FLA	3,250	2,950		146	133	
GRAPEFRUIT, WHITE SEEDLESS						
FLA	24,800	25,600		1,054	1,088	
GRAPEFRUIT, COLORED SEEDLESS						
FLA	16,300	18,000		693	765	
OTHER GRAPEFRUIT						
FLA	2,900	3,150		123	134	
ALL GRAPEFRUIT						
ARIZ	3,000	2,400		96	77	
CALIF						
DESERT	3,800	3,600		121	115	
OTHER AREAS	5,000	4,800		168	161	
TOTAL	8,800	8,400		289	276	
FLA	44,000	46,750		1,870	1,987	
TEX 4/	0	220		0	9	
U S	55,800	57,770		2,255	2,349	
TANGERINES						
ARIZ	700	700		26	26	
CALIF	1,680	1,800		63	68	
FLA	1,050	1,150		50	55	
U S	3,430	3,650		139	149	
LEMONS						
ARIZ	6,000	3,250		228	123	
CALIF						
DESERT	2,550	1,600		97	61	
TOTAL	19,800	15,100		752	574	
U S	25,800	18,350		980	697	
TANGELOS						
FLA	3,600	2,950		162	133	

1/ THE CROP YEAR BEGINS WITH THE BLOOM OF THE FIRST YEAR SHOWN AND ENDS WITH YEAR HARVEST IS COMPLETED.

2/ NET LBS PER BOX: ORANGES-CALIF & ARIZ-75, FLA-90, TEX-85; GRAPEFRUIT-CALIF DESERT & ARIZ-64, CALIF OTHER-67, FLA-85, TEX-80; LEMONS-76; TANGELOS & TEMPLES-90; TANGERINES- CALIF & ARIZ-75, FLA-95.

3/ NAVEL AND MISCELLANEOUS VARIETIES IN CALIFORNIA AND ARIZONA. EARLY AND MIDSEASON VARIETIES IN FLORIDA AND TEXAS, INCLUDING SMALL QUANTITIES OF TANGERINES IN TEXAS.

4/ DUE TO THE SEVERE FREEZE OF DECEMBER 1983, NO COMMERCIAL SUPPLIES WERE HARVESTED FOR THE 1984-85 TEXAS CITRUS CROP SEASON.

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GRAPES

CROP AND STATE		PRODUCTION 1/		
		TOTAL		IND
		1984	1985	1986
		TONS		
TABLE TYPE				
CALIF		475,000	580,000	5[illegible],000
WINE TYPE				
CALIF		1,900,000	2,140,000	2,000,000
RAISIN TYPE	2/ 3/			
CALIF		2,295,000	2,483,000	1,900,000
ALL				
ARIZ	4/	14,000	18,500	24,000
ARK	4/	9,000	8,000	6,000
CALIF		4,670,000	5,203,000	4,450,000
GA	4/	2,700	2,100	2,000
MICH		49,000	51,000	35,000
MO	4/	3,100	900	2,300
N Y		198,000	146,000	175,000
N C	4/	5,900	1,500	2,500
OHIO	4/	11,200	7,000	10,000
PA		60,000	50,000	58,000
S C	4/	2,500	600	700
WASH		168,500	116,100	150,000
U S		5,193,900	5,604,700	4,915,500

1/ INCLUDES UNHARVESTED PRODUCTION AND HARVESTED NOT SOLD (TONS): U S 1984-25,500; 1985-100.
2/ FRESH BASIS.
3/ EXCLUDES PRODUCTION FROM APPROXIMATELY 50,000 OF THOMPSON SEEDLESS VINEYARDS IN THE VOLUNTARY RAISIN DIVERSION PROGRAM FOR 1986.
4/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.

PRUNES AND PLUMS

CROP AND STATE	PRODUCTION		
	TOTAL 1/		IND
	1984	1985	1986
	TONS		
PRUNES (DRIED BASIS)			
CALIF	148,000	139,000	95,000
PRUNES AND PLUMS			
IDAHO	7,000	4,500	5,000
MICH	12,000	11,000	11,000
OREG	15,000	25,000	22,000
WASH	18,000	10,200	8,500
TOTAL	52,000	50,700	46,500

1/ PRUNES AND PLUMS - INCLUDES UNHARVESTED PRODUCTION AND HARVESTED NOT SOLD (TONS): OREG 1984-1,000; 1985-4,000.

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NUTS

CROP AND STATE	PRODUCTION		
	TOTAL		IND
	1984	1985	1986
	TONS		
WALNUTS			
CALIF	213,000	219,000	190,000
	1,000 POUNDS (IN-SHELL BASIS)		
PISTACHIO NUTS			
CALIF			
SOLD IN-SHELL	45,300	22,600	1/
SOLD SHELLED	17,800	4,500	1/
TOTAL	63,100	27,100	70,000

1/ PRODUCTION BY TYPE OF SALE WILL BE PUBLISHED IN THE "NONCITRUS FRUIT AND NUTS ANNUAL SUMMARY" TO BE RELEASED IN JANUARY 1987.

PECANS

CROP AND STATE	PRODUCTION		
	TOTAL		IND
	1984	1985	1986
	1,000 POUNDS		
IMPROVED 1/			
ALA	9,000	9,600	10,400
ARK	1,100	1,000	1,100
FLA	2,200	1,600	3,000
GA	100,000	74,000	72,000
LA	1,500	2,000	2,500
MISS	4,000	3,500	5,000
N MEX	24,000	29,000	24,000
N C	1,830	400	1,800
OKLA	2,000	1,500	2,000
S C	3,600	900	1,800
TEX	20,000	29,000	28,000
U S	169,230	152,500	151,600
NATIVE & SEEDLING			
ALA	4,000	6,400	2,600
ARK	400	700	700
FLA	2,800	1,200	2,000
GA	20,000	9,000	13,000
LA	3,500	13,000	12,500
MISS	1,500	3,000	2,500
N C	1,070	600	1,200
OKLA	23,000	8,500	10,000
S C	1,900	500	1,200
TEX	5,000	49,000	12,000
U S	63,170	91,900	57,700
ALL			
ALA	13,000	16,000	13,000
ARK	1,500	1,700	1,800
FLA	5,000	2,800	5,000
GA	120,000	83,000	85,000
LA	5,000	15,000	15,000
MISS	5,500	6,500	7,500
N MEX	24,000	29,000	24,000
N C	2,900	1,000	3,000
OKLA	25,000	10,000	12,000
S C	5,500	1,400	3,000
TEX	25,000	78,000	40,000
U S	232,400	244,400	209,300

1/ BUDDED, GRAFTED, OR TOPWORKED VARIETIES.

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COFFEE

STATE	PRODUCTION 1/		
	1983-84	1984-85	1985-86
	1,000 POUNDS		
HAW	2,800	1,750	1,850

1/ PARCHMENT BASIS.

PEARS

CROP AND STATE	PRODUCTION		
	TOTAL 1/		IND
	1984	1985	1986
	TONS		
BARTLETT			
CALIF	302,000	282,000	285,000
OREG	44,000	75,000	55,000
WASH	101,000	111,000	110,000
TOTAL	447,000	468,000	450,000
EXCLUDING BARTLETT			
CALIF	10,000	10,500	10,000
OREG	106,000	118,000	105,000
WASH	103,000	114,000	105,000
TOTAL	219,000	242,500	220,000
ALL			
CALIF	312,000	292,500	295,000
COLO 2/	4,600	6,000	1,500
CONN 2/	1,450	1,550	1,550
MICH	11,000	8,000	11,000
N Y	20,000	16,000	21,500
OREG	150,000	193,000	160,000
PA 2/	3,300	2,300	3,000
UTAH 2/	3,200	2,500	1,900
WASH	204,000	225,000	215,000
U S	709,550	746,850	710,450

1/ INCLUDES UNHARVESTED PRODUCTION AND HARVESTED NOT SOLD (TONS): U S 1984-12,800, 1985-150.
2/ ESTIMATES FOR CURRENT YEAR CARRIED FORWARD FROM EARLIER FORECAST.

PAPAYAS - HAWAII

MONTH	AREA				FRESH PRODUCTION		
	TOTAL IN CROP		HARVESTED				
	1985	1986	1985	1986	1985	1986	FORECAST 1986
	ACRES				1,000 POUNDS		
JUL	3,725	4,025	2,725	2,380	5,134	4,080	
AUG	3,660	3,975	2,625	2,340	3,989	3,430	
SEP	3,555		2,345		3,722		2,800
OCT	3,515		2,410		4,594		3,200
NOV	3,615		2,385		3,383		3,800
DEC	3,690		2,395		3,358		5,300
CUMULATIVE FRESH PRODUCTION JAN-AUG					34,193	31,905	

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1985 SEEDING RATES: QUANTITY OF SEED USED PER ACRE FOR SPECIFIED CROPS, BY STATES

STATE	BARLEY	CORN 1/	COTTON 2/	DRY BEANS	FLAXSEED	OATS
	BUSHELS	KERNELS	POUNDS	POUNDS	POUNDS	BUSHELS
ALA		19,100	23			2.9
ARIZ	2.8	29,100	18			
ARK		27,300	19			2.9
CALIF	2.0	30,000	23	63		3.0
COLO	1.5	29,000		44		2.0
CONN		26,000				
DEL	2.2	21,200				
FLA		19,100	22			
GA		21,900	24			3.1
IDAHO	1.9	29,500		92		2.6
ILL		24,100				2.5
IND		23,800				2.3
IOWA		23,900				2.9
KANS	1.3	23,600	20	54		2.1
KY	2.0	22,000				2.1
LA		26,300	18			
MAINE		26,000				2.9
MD	2.3	23,200				2.6
MASS		26,000				
MICH	2.1	23,200		48		2.6
MINN	1.8	25,000		60	45.0	2.9
MISS		19,800	20			
MO		20,900	21			2.3
MONT	1.2	29,000		60		1.8
NEBR	1.5	22,800		54		2.5
NEV	2.3					
N H		26,000				
N J	2.4	23,500				2.6
N MEX	1.8	28,900	32			
N Y		25,200		83		2.8
N C	2.1	22,600	18			2.7
N DAK	1.6	20,800		52	45.0	2.0
OHIO		25,500				2.6
OKLA	1.3	23,500	25			2.3
OREG	1.7	30,000				2.9
PA	2.3	22,700				2.8
R I		26,000				
S C	2.1	21,100	14			2.9
S DAK	1.7	17,800			50.0	2.6
TENN		21,500	21			
TEX	1.0	24,000	31			2.5
UTAH	2.2	30,000		15		3.0
VT		26,000				
VA	2.2	23,000	18			2.4
WASH	1.6	31,000		83		2.7
W VA		23,400				2.5
WIS	2.0	23,600				2.9
WYO	2.0	29,700		70		2.2
U S	1.64	23,500	26	56	45.8	2.61

SEE FOOTNOTES ON PAGE A-27.

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1985 SEEDING RATES: QUANTITY OF SEED USED PER ACRE FOR SPECIFIED CROPS, BY STATES -- CONTINUED

STATE	PEANUTS 3/	POTATOES, IRISH	POTATOES, SWEET	RICE	RYE	SORGHUM
	POUNDS	CWT	CWT	POUNDS	BUSHELS	POUNDS
ALA	98	15.1	4.0			8.4
ARIZ		15.0				10.0
ARK				125.0		6.8
CALIF		21.3	5.0	155.0		16.0
COLO		23.2			.65	4.0
CONN		20.0				
DEL		15.0			2.0	
FLA	98	22.0				
GA	105		7.7		2.2	10.7
IDAHO		22.0				
ILL		16.0			1.5	7.5
IND		19.0			1.3	
IOWA		14.0			1.2	
KANS					1.2	4.3
KY					1.7	7.0
LA		8.0	10.0	130.0		8.4
MAINE		21.0				
MD		14.0	6.6		2.0	
MASS		20.0				
MICH		19.7			1.7	
MINN		16.6			1.8	
MISS			12.0	105.0		7.0
MO				120.0	1.6	6.9
MONT		19.0				
NEBR		24.5			1.2	6.0
NEV		20.0				
N H						
N J		18.0	8.0		2.0	
N MEX	92	16.0				4.4
N Y		23.0			2.0	
N C	105	13.4	13.0		1.5	10.5
N DAK		15.5			1.2	
OHIO		19.0			1.9	
OKLA	83				1.4	5.0
OREG		21.7			1.1	
PA		17.0			2.1	
R I		20.8				
S C	86		12.0		1.9	9.1
S DAK		15.0			1.2	6.0
TENN		10.9	13.0			7.0
TEX	74	12.7	13.0	105.0	.90	6.7
UTAH		24.0				
VT		21.7				
VA	105	14.2	13.7		1.7	
WASH		22.0				
W VA						
WIS		17.0			1.6	
WYO		19.0				
U S	97	19.8	10.6	126.5	1.64	6.04

SEE FOOTNOTES ON PAGE A-27.

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1985 SEEDING RATES: QUANTITY OF SEED USED PER ACRE FOR SPECIFIED CROPS, BY STATES -- CONTINUED

STATE	SOYBEANS	SUNFLOWER 4/	WHEAT, DURUM	WHEAT, OTHER SPRING	WHEAT, WINTER
	BUSHELS	SEEDS	BUSHELS	BUSHELS	BUSHELS
ALA	.80				1.8
ARIZ			2.3		2.3
ARK	.80				1.9
CALIF			2.3		2.1
COLO				1.6	
CONN					.65
DEL	1.00				1.9
FLA	.85				1.6
GA	.80				2.0
IDAHO				1.6	1.3
ILL	1.00				1.7
IND	1.00				1.8
IOWA	.95				1.6
KANS	.90				1.0
KY	.90				1.8
LA	.95				1.6
MAINE					
MD	1.00				1.9
MASS					
MICH	1.00				2.3
MINN	1.00	23,200	1.7	1.7	1.5
MISS	.80				1.7
MO	.95				1.7
MONT			1.1	1.0	.95
NEBR	.95				1.1
NEV				1.9	1.6
N H					
N J	1.30				2.0
N MEX					.70
N Y					2.3
N C	.95				1.8
N DAK	1.20	20,700	1.6	1.4	1.1
OHIO	1.20				2.1
OKLA	.80				1.2
OREG				1.6	1.3
PA	1.40				2.2
R I					
S C	.70				1.8
S DAK	.95	19,000	1.6	1.4	1.1
TENN	.80				2.1
TEX	.90	22,000			1.1
UTAH				1.5	1.2
VT					
VA	1.10				1.9
WASH				1.4	1.1
W VA					1.9
WIS	1.30			1.8	1.8
WYO				1.2	.80
U S	.96	20,654	1.60	1.38	1.22

1/ APPROXIMATELY 1,650 KERNELS PER POUND. 2/ FUZZY, NON-DELINTED EQUIVALENT BASIS. 3/ SHELLED BASIS (MULTIPLY BY 1.33 TO OBTAIN UNSHELLED BASIS.)
4/ APPROXIMATELY 5,600 SEEDS PER POUND.

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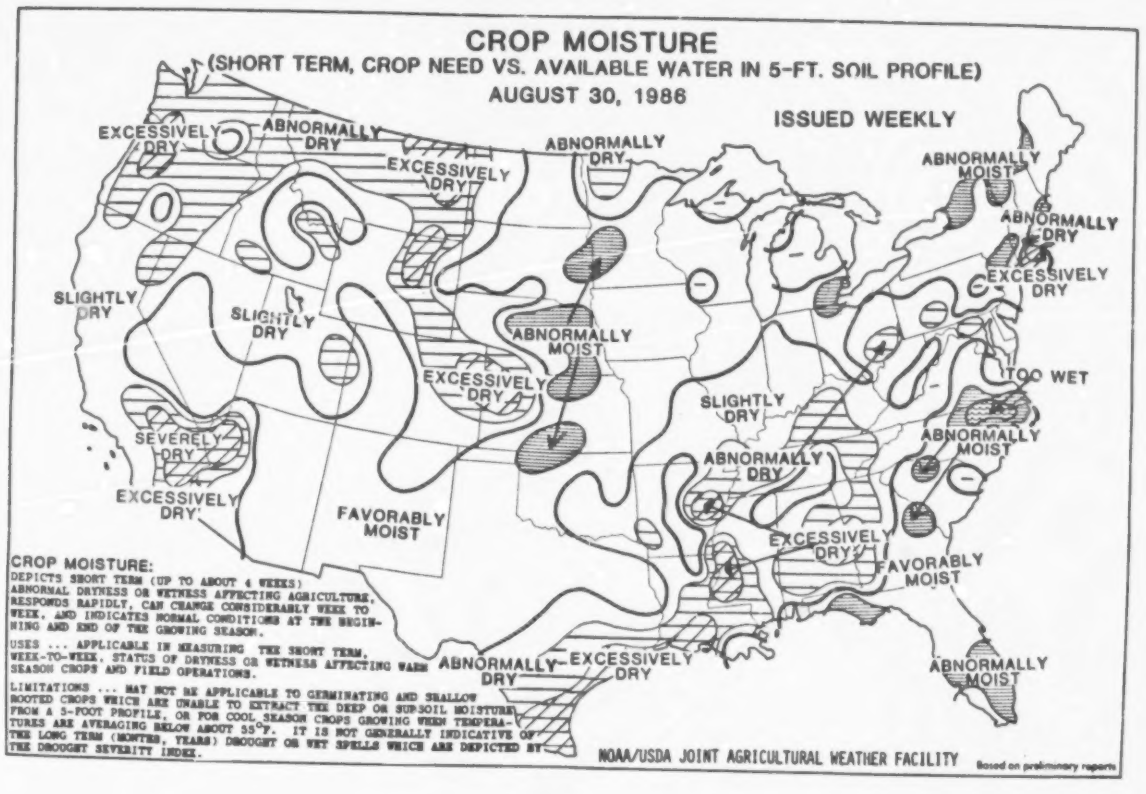
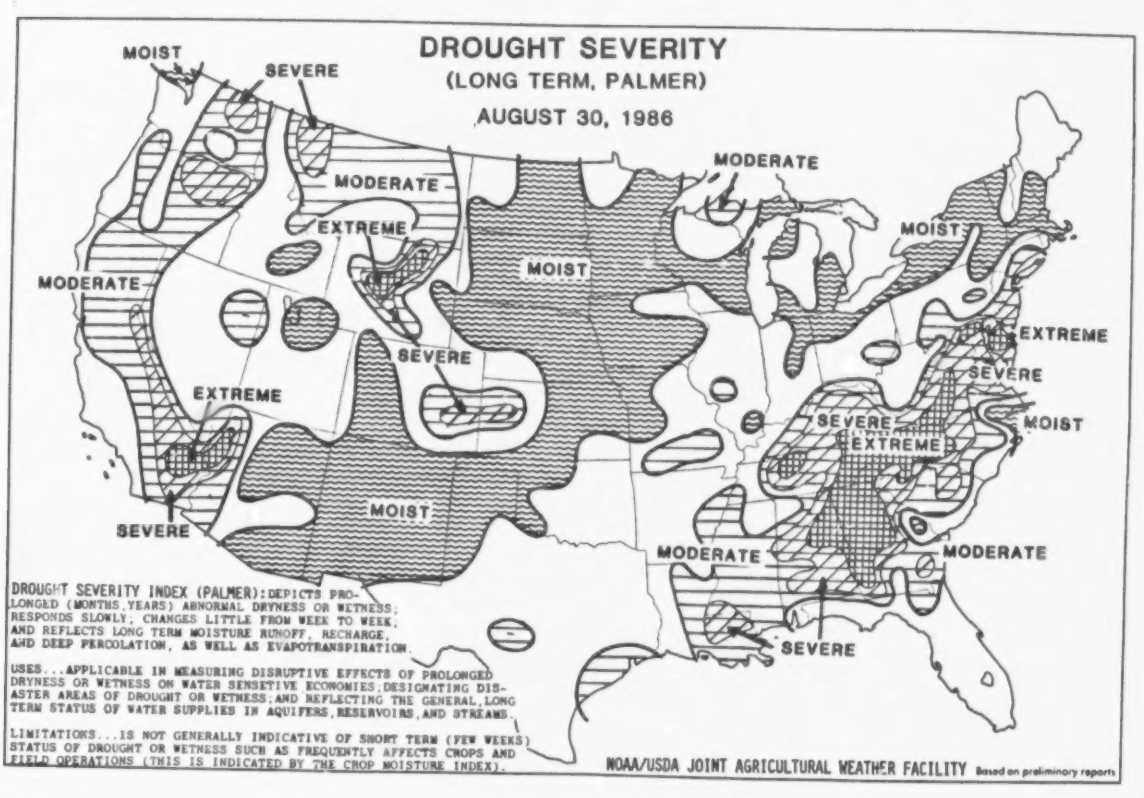

CROP MOISTURE
(SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE)
AUGUST 30, 1986
ISSUED WEEKLY
EXCESSIVELY DRY
ABNORMALLY DRY
EXCESSIVELY DRY
ABNORMALLY DRY
ABNORMALLY MOIST
ABNORMALLY DRY
EXCESSIVELY DRY
SLIGHTLY DRY
SLIGHTLY DRY
ABNORMALLY MOIST
EXCESSIVELY DRY
TOO WET
SLIGHTLY DRY
ABNORMALLY MOIST
SEVERELY DRY
ABNORMALLY DRY
EXCESSIVELY DRY
FAVORABLY MOIST
EXCESSIVELY DRY
FAVORABLY MOIST
ABNORMALLY DRY
EXCESSIVELY DRY
ABNORMALLY MOIST
CROP MOISTURE:
DEPICTS SHORT TERM (UP TO ABOUT 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE, RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK, AND INDICATES NORMAL CONDITIONS AT THE BEGINNING AND END OF THE GROWING SEASON.
USES ... APPLICABLE IN MEASURING THE SHORT TERM, WEEK-TO-WEEK, STATUS OF DRYNESS OR WETNESS AFFECTING WARM SEASON CROPS AND FIELD OPERATIONS.
LIMITATIONS ... MAY NOT BE APPLICABLE TO GERMINATING AND SHALLOW ROOTED CROPS WHICH ARE UNABLE TO EXTRACT THE DEEP OR SUBSOIL MOISTURE FROM A 5-FOOT PROFILE, OR FOR COOL SEASON CROPS GROWING WHEN TEMPERATURES ARE AVERAGING BELOW ABOUT 55°F. IT IS NOT GENERALLY INDICATIVE OF THE LONG TERM (MONTHS, YEARS) DROUGHT OR WET SPELLS WHICH ARE DEPICTED BY THE DROUGHT SEVERITY INDEX.
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


DROUGHT SEVERITY
(LONG TERM, PALMER)
AUGUST 30, 1986
MOIST
SEVERE
MODERATE
MODERATE
EXTREME
MOIST
MOIST
MODERATE
EXTREME
SEVERE
SEVERE
EXTREME
EXTREME
SEVERE
MOIST
MOIST
SEVERE
MODERATE
MODERATE
SEVERE
DROUGHT SEVERITY INDEX (PALMER): DEPICTS PROLONGED (MONTHS, YEARS) ABNORMAL DRYNESS OR WETNESS; RESPONDS SLOWLY; CHANGES LITTLE FROM WEEK TO WEEK; AND REFLECTS LONG TERM MOISTURE RUNOFF, RECHARGE, AND DEEP PERCOLATION, AS WELL AS EVAPOTRANSPIRATION.
USES...APPLICABLE IN MEASURING DISRUPTIVE EFFECTS OF PROLONGED DRYNESS OR WETNESS ON WATER SENSETIVE ECONOMIES; DESIGNATING DISASTER AREAS OF DROUGHT OR WETNESS; AND REFLECTING THE GENERAL, LONG TERM STATUS OF WATER SUPPLIES IN AQUIFERS, RESERVOIRS, AND STREAMS.
LIMITATIONS...IS NOT GENERALLY INDICATIVE OF SHORT TERM (FEW WEEKS) STATUS OF DROUGHT OR WETNESS SUCH AS FREQUENTLY AFFECTS CROPS AND FIELD OPERATIONS (THIS IS INDICATED BY THE CROP MOISTURE INDEX).
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

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AUGUST WEATHER SUMMARY

The month began with hot, dry weather across the South and through the Southeast. However, scattered thundershowers began in the drought areas of the Southeast and before the month was over most of the dry areas were relieved of stress. However, much of the Mississippi Delta and central Alabama was still dry. At midmonth Tropical Storm Charlie developed off the South Carolina coast. After remaining stationary for two days, the storm intensified and became a hurricane as it moved northward along the coast, dropping heavy rain from North Carolina to New Jersey. As the storm weakened it veered sharply and moved eastward south of Long Island, New York. Thunderstorms were frequent from the Rockies and Great Basin to the Atlantic Ocean. Surges of cool air began to push into the East early in the month. In the last week, the coldest air of the season spread southward and eastward from the eastern Great Plains through the Mississippi Valley to the Atlantic Coast and into northern Florida. (Prepared by NOAA/USDA Joint Agricultural Weather Facility.)

AUGUST CROP DEVELOPMENT

The extreme heat and dryness in the Southeast and in the Delta continued during the first half of August. At midmonth, rain and cooler temperatures eased crop stress across the Delta and in the Southeast. The cooler temperatures slowed crop development across the eastern half of the Nation which benefited late planted soybeans and peanuts. Above-normal temperatures returned to the Delta and the Southeast causing stress. The last week of August, rain and cool temperatures blanketed most of the eastern half of the Nation and again slowed crop development. Crops ended the month mostly good to excellent in the Corn Belt and in the northern and central Great Plains. During August, crop condition was mostly fair to poor in the Delta and in the Southeast but began improving near the end of the month. Soil moisture was mostly adequate except in the Delta, the Southeast, and in some western States where moisture was short.

Corn ended the month in mostly good to excellent condition. On August 31, 93 percent of the acreage reached the dough stage and 66 percent reached dent. Corn maturity was 10 points ahead of last year and average with 19 percent of the acreage ready for harvest. Harvest was underway as far north as Illinois but was confined mostly to the Delta, the Southeast, and the Applachian States.

At month's end, soybeans were setting pods on 92 percent of the acreage compared with 89 percent normally. Pod setting was ahead of or equal to normal in all States except Alabama, Arkansas, Michigan, Mississippi, South Carolina, and South Dakota. Soybeans were shedding leaves on 5 percent of the acreage, 3 points ahead of normal. Soybeans were shedding leaves in 14 of the 19 major producing States. The lack of moisture restricted growth and development in the Delta and in the Southeast during most of August.

Overall, cotton was mostly fair to good during August. However, condition was mostly poor in the Southeast. Dryness limited growth throughout the Delta and Southeast nearly the entire month. At the end of August, rain induced growth causing cotton to bloom at the same time bolls were opening in some Delta States. Bolls were open on 30 percent of the acreage, equaling 1985 but 8 points ahead of the average. At month's end, harvest was underway in Arizona, Louisiana, and in Texas.

Sorghum was 23 percent harvested, exceeding both 1985 and the average by 3 points. Harvest advanced rapidly across the Delta and equaled or exceeded the average in all major producing States except Texas. Sorghum turning color, at 61 percent completion, was 15 points above average. Maturity slowed and grain sorghum mature ended the month only 3 points ahead of normal. Heading was virtually finished in all States except Oklahoma.

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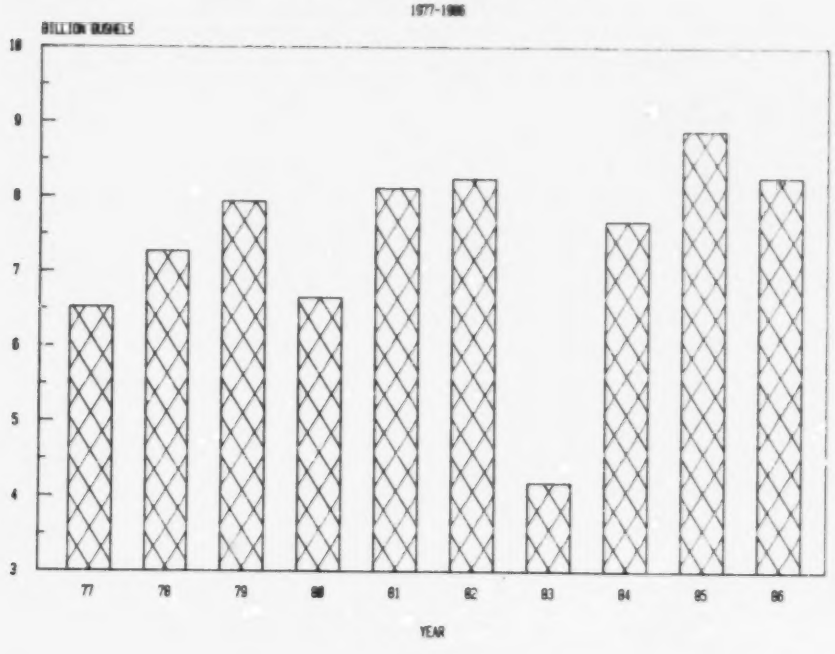
Winter wheat harvest neared completion in the Pacific Northwest at the end of August. Plowing for seeding the 1987 crop was active during most of August. Winter wheat seeding was underway in Kansas, Oklahoma, Minnesota, and Texas on August 31. Spring wheat harvest lagged behind normal in all States except Idaho. Harvest was 72 percent finished compared with the 80 percent average. Last year, only 68 percent was harvested by this time. Wetness and cool temperatures slowed maturity and hampered harvest in most States during August.

CORN FOR GRAIN: Production of corn for grain is forecast at 8.27 billion bushels (210 million metric tons), down 7 percent from last year's record high crop and down less than 1 percent from the August 1 forecast. The temperatures averaged 2 to 4 degrees below normal in the Corn Belt during the month, slowing crop development. However, the crop is 1 to 2 weeks ahead of normal. Crop development in parts of Illinois and Indiana has been hindered by dry weather and their yields are down 4 bushels and 3 bushels, respectively, from the August 1 forecast. Rain brought much needed relief to the southeastern States but too late in most areas to affect the yields. The rains provided some relief to the crop in Virginia, Maryland, and Delaware and their yields are up substantially from August 1 but are well below last year's high yields. The U.S. average yield per acre is forecast at a record high 119.7 bushels, up 1.7 bushels from the previous record high set in 1985 but down 0.7 of a bushel from August 1.

Harvest is underway in the southern States and seed corn is being harvested in the Corn Belt. A light frost was received in some northern States but most of the corn in these areas goes for silage. With crop development well ahead of normal this year, most corn for grain is now safe from a frost.

U.S. CORN PRODUCTION



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SORGHUM FOR GRAIN: Production is forecast at 873 million bushels (22.2 million metric tons), 21 percent below the record high 1.11 billion bushels (28.3 million metric tons) produced a year ago. Area for grain harvest is estimated at 13.5 million acres (5.46 million hectares), down 19 percent from 1985.

Yield per acre is forecast at 64.7 bushels, 2.0 bushels below the record high 66.7 bushel set in 1985. Nearly ideal growing conditions were experienced in Kansas as yield prospects remained unchanged during the month. Some early harvested fields were reported in the southern portions of the State but generally harvest is several weeks away. In Nebraska, crop progress was well ahead of average; yield is up a bushel from the August 1 forecast. Beneficial rains were received in the High Plains of Texas pushing the average yield for the State two bushels higher than the August 1 forecast. Elsewhere in the State, harvest continued its northward push. As a result of much needed rain, the crop also improved from August 1 in Illinois, Arkansas, and Tennessee. In Mississippi, rains were too late to help as nearly 50 percent of the crop was harvested by September 1.

OATS: Production is forecast at 413 million bushels (6.00 million metric tons) down 20 percent from last year and 13 percent below two years ago. The September 1 forecast, if realized, would be the smallest production since 1876. Area harvested for grain, at 7.54 million acres (3.05 million hectares), is 8 percent below both of the last two years and is the smallest of record. The average yield forecast, at 54.8 bushels per acre, is down 8.8 bushels from the record high set in 1985.

Production decreased 7 percent from the August 1 forecast with the largest decreases in Minnesota and South Dakota. Rust adversely affected yields in these two States and was the main cause for reduced yields. Harvest progress was generally running ahead of normal in all States except North Dakota and Wisconsin, where frequent showers were hampering progress.

BARLEY: Barley production is forecast at a record high 626 million bushels, (13.6 million metric tons), up 6 percent from last year and 4 percent above the previous record high set in 1984. Average yield, at 50.3 bushels per acre, is 0.7 of a bushel below 1985 and 6.9 bushels below the record high yield set in 1982. Colorado is showing a 3 bushel yield increase from August 1, but North Dakota, South Dakota, Minnesota, Oregon, and Utah are all registering decreases.

Harvest is nearing completion in most States. Hot weather at filling time hurt the Minnesota crop. Rains delayed ripening and harvest in North Dakota while some excess moisture conditions adversely affected the crop in South Dakota. Considerable grasshopper damage was reported to the Montana crop. In Colorado the irrigated crop was producing better than expected. The spring barley crop in Oregon was not yielding as well as anticipated and yields in Idaho reflected the effects of hot, dry conditions.

ALL WHEAT: Total 1986 wheat production is forecast at 2.12 billion bushels (57.7 million metric tons), down 13 percent from 1985. This is the lowest production level since 1978. Area for grain is 60.9 million acres (24.6 million hectares), down 6 percent from last year. Yields are expected to average 34.8 bushels per acre, 2.7 bushels less than 1985 and 0.7 of a bushel below the August 1 forecast.

DURUM WHEAT: Production is forecast at 96.4 million bushels (2.62 million metric tons), 14 percent less than a year ago and 5 percent below August 1. Harvest area remains at 2.82 million acres (1.14 million hectares), down 9 percent from 1985. Yield prospects have dropped to 34.2 bushels per acre, down 1.9 bushels from August 1 and 2.2 bushels below last year's record high yield.

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Harvest is nearing completion in Montana's durum area; grasshopper damage is reported. As of August 31, 54 percent of North Dakota's crop had been harvested, ahead of 1985 progress but trailing average. Pre-harvest optimism on yields has faded as the harvest progressed. Test weights are lower this year; protein is somewhat higher. Wet weather has provided favorable conditions for diseases. Rust and tan spot have been reported; scab has been developing in northern and eastern fields.

OTHER SPRING WHEAT: The 1986 production is forecast at 492 million bushels (13.4 million metric tons), 1 percent more than the 1985 production but 7 percent below the August 1 forecast. Disease problems that manifested during August in Minnesota and the Dakota's reduced yields a collective average of 3.8 bushels per acre and led to the overall production decline. The U.S. yield is expected to average 33.1 bushels per acre, 2.3 bushels less than the record high yield set in 1985. Area for grain, at 14.8 million acres (6.00 million hectares), is unchanged from August 1. As of August 31, harvest had progressed to 72 percent completion in the five major producing States, compared with 68 percent last year and the average of 80 percent.

RICE: The 1986 rice production is forecast at 127 million cwt (5.78 million metric tons), up 2 percent from the August 1 forecast but down 6 percent from 1985. Production is 8 percent below 1984. This would be the second smallest production since 1977.

Yield per acre is expected to average a record high 5463 pounds per acre, surpassing the previous record of 5437 pounds set in 1985. Yield is up 95 pounds from August 1. Yield is up 100 pounds from August 1 in Arkansas, Louisiana, and Mississippi. In Texas, a 200 pound yield increase was registered. Record yields are anticipated in California, Louisiana, and Texas.

At the end of August, rice development was well ahead of normal. Heading was complete or neared completion in all States except California. At the end of the month, harvest was 33 percent finished, 10 points ahead of 1985 and 8 points above the average. In Mississippi, harvest was 40 percent finished, 2 times faster than last year and 5 times greater than the average. Louisiana's harvest was 12 points above normal. Harvest was not underway in California.

SOYBEANS: Production is forecast at 1.98 billion bushels (53.9 million metric tons), virtually unchanged from the August 1 forecast and 6 percent below the 1985 production level. Yield, at 33.1 bushels per acre, is up 0.2 of a bushel from August 1 but is 1.0 bushel below the record high of 34.1 bushels per acre set in 1985. If realized, this will be the second highest yield of record. Area for harvest is forecast at 59.8 million acres (24.2 million hectares) down 1 percent from August 1 and 3 percent below last year.

Soybean growing conditions generally improved in the drought stricken Southeast. As cooler temperatures and above normal rainfall improved yields. Dry weather in Illinois, Indiana and parts of Michigan resulted in reduced yield expectations. Crop progress continues to be ahead of normal with 5 percent of the soybeans dropping leaves by the end of the month compared with 2 percent both last year and average.

Soybean yields increased in 11 States from August 1. In the South, all States have increased yields except Arkansas, and Kentucky where yields are unchanged, and Mississippi where yield is 4 bushels below the August 1 forecast. Kansas, Maryland, Minnesota, and Missouri yields increased from August but were offset by declines in Illinois, Indiana, Michigan, and South Dakota.

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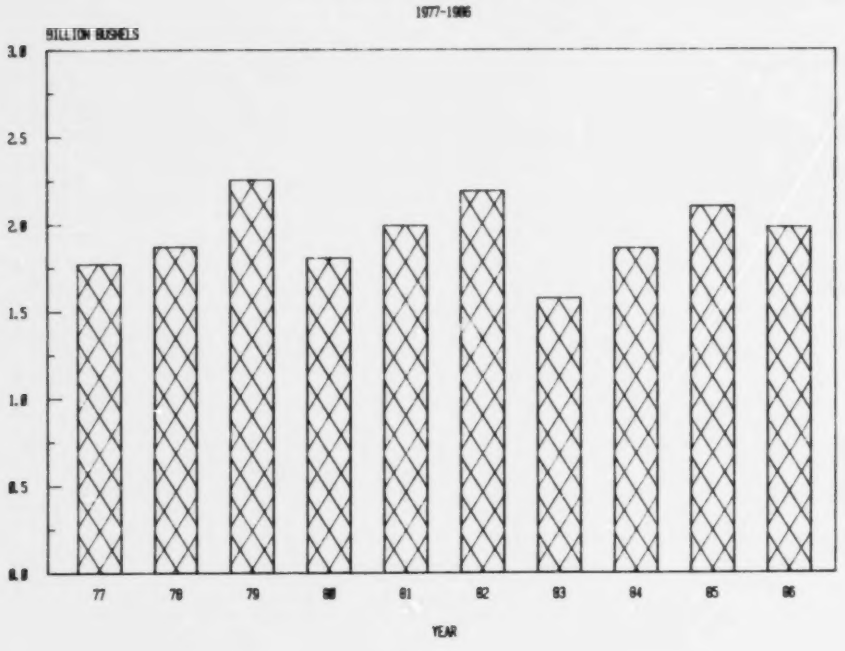
U.S. SOYBEAN PRODUCTION



PEANUTS: Production is forecast at 3.47 billion pounds (1.57 million metric tons), 16 percent less than last year and 21 percent below the record large harvest of 1984. The area for harvest totals 1.49 million acres (602 thousand hectares), up 1 percent from last year, but down 3 percent from 1984. This year's yield is expected to average 2331 pounds per acre, a 479 pound drop from last year and 547 pounds below the record high yield of 2878 pounds set in 1984.

Production in the Southeast States (Alabama, Florida, Georgia, and South Carolina) is expected to total 2.23 billion pounds, a 19 percent decline from a year ago. However, harvested area of 960 thousand acres represents a 9 percent increase from the 1985 crop. Yields in the 4-State region are expected to average 2326 pounds, down 823 pounds from a year ago--reflecting the devastating effects of this year's drought. Harvesting of early planted peanuts is underway.

The Virginia-North Carolina crop is set at 671 million pounds, off 9 percent from a year ago. The 230 thousand acres expected for harvest is 8 percent lower than last year's crop. Yield for the area is expected to average 2919 pounds, improved from the August 1 forecast, but 24 pounds less than the 1985 yield. Conditions improved greatly with the occurrence of timely rains during the critical growth stage in early August.

The Southwest crop (New Mexico, Oklahoma and Texas) is forecast at 562 million pounds, 10 percent less than produced in 1985. The area for harvest in the 3-State region is set at 297 thousand acres, down 13 percent from 1985. Yield is expected to average 1892 pounds, up 54 pounds from last year. August rains were beneficial, but some disease problems were reported as a result. Some harvesting is underway in Texas.

COTTON: All cotton production is forecast at 10.5 million bales, a decrease of 2 percent from August 1 and 22 percent below the 1985 crop. Excluding the 1983 PIK year, this year's crop is the lowest since 1975. The Upland production forecast for 1986 is 10.3 million bales and American-Pima production is expected to total 194 thousand bales.

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Area for harvest is estimated at 8.92 million acres (3.61 million hectares), down 13 percent from last year. Yields are expected to average 565 pounds per harvested acre.

In Texas and Oklahoma, Upland production is forecast at 3.49 million bales, down 17 percent from last year but up 10 percent from the August 1 forecast. In Texas, harvest was delayed in the Blacklands and Central Texas by rain, but the dry land crop in the Plains benefited from the additional moisture. By August 31, harvest was 12 percent complete in Texas. In Oklahoma, crop conditions have improved drastically during the month, resulting in the crop being rated 85 percent good or better on August 31 compared with 50 percent on August 3.

Producers in the Delta States (Arkansas, Louisiana, Mississippi, Missouri and Tennessee) expect to harvest 3.13 million bales, 16 percent below last year and 10 percent below the August 1 forecast. Extended dry conditions have resulted in rapid maturity and low survival rate of small bolls and blooms in the region.

Growers in the Western States (Arizona, California, and New Mexico) expect to harvest 2.96 million bales of Upland cotton, 28 percent below last year and down 4 percent from August 1. In California, heavy losses of small bolls and blooms as well as boll rot and pest damage are taking their toll on expected yields.

Production in the Southeastern States (Alabama, Georgia, North Carolina and South Carolina) is forecast at 700 thousand bales, down 42 percent from last year's production but unchanged from August 1. Despite some relief from rains during the month, the region is still suffering from the extended drought.

Bureau of the Census reports 624,425 running bales ginned prior to September 1 compared with 681,101 to the same date last year and 634,437 bales in 1984.

COTTONSEED: Production for 1986, based on a three year average lint-seed ratio, is forecast at 4.15 million tons (3.77 million metric tons), 21 percent below the 1985 production of 5.28 million tons (4.79 million metric tons).

DRY EDIBLE BEANS: Production is forecast at 25.7 million cwt (1.17 million metric tons), up 15 percent from last year and 22 percent above 1984. Area for harvest is set at 1.64 million acres (664 thousand hectares), up 10 percent from last year and 12 percent from 1984. With harvest now in progress, the average yield is forecast at 1566 pounds per acre, down slightly from August 1 but 68 pounds above a year ago.

California harvest is well along and should peak at the end of September. Yield prospects are favorable in most areas. In Idaho, hot August weather pushed maturity at a rapid pace. Harvest is underway in most areas, with good yields reported so far. Washington's harvest is 35 percent complete. Quality is excellent. Colorado, Wyoming and Nebraska farmers are getting into harvest a little ahead of normal. Hail storms damaged some fields in Weld County, Colorado; while dry weather hurt the crop in southwest growing areas.

Michigan harvest started on a limited basis in August, but should be active in September. Rains at the end of August relieved a dry spell earlier in the month. Minnesota fields are being swathed for drying, but rain damage may become a concern. The North Dakota crop has looked good from the start. Harvest is just starting. Condition of New York beans is average to above average. Harvest should start about mid September.

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POTATOES: Summer potato production is forecast at 22.0 million cwt (997 thousand metric tons), up one percent from the August 1 forecast but 21 percent below last year. Harvested area is set at 101 thousand acres (40.7 thousand hectares), down 12 percent from last year; while the average yield is 218 cwt per acre, off 11 percent.

Drought conditions across the southeastern U.S. did considerable damage to potato fields. Virginia harvest ended in late July with only one-third of last year's crop. Rain in Tennessee came only at harvest time to dampen an otherwise dismal season. North Carolina's output was down 35 percent; while Delaware and Maryland lost 28 and 15 percent from last year's production level, respectively. Yields in New Jersey turned out better than earlier expected, thanks to extensive irrigation. Harvest was about 50 percent complete by September 1. Alabama growers are making normal harvest progress, but quality and sizes are lower than average.

Most of Michigan had excellent weather for summer potatoes. Yields have been high and quality excellent. Minnesota growers indicate lower yields than on August 1, although weather has been generally favorable. Hail damaged some fields in Nebraska, but Colorado potatoes escaped serious harm with fields nearing maturity. New Mexico yields gained 35 cwt from last year, pushing total production above last year. California harvest will continue to mid-September. Quality is good to excellent.

POTATOES - 1985 FINAL: The 1985 potato crop produced a record high 404 million cwt (18.3 million metric tons), 12 percent above 1984. Area for harvest, at 1.36 million acres (550 thousand hectares), gained 4 percent over 1984 while the average yield was record high at 298 cwt per acre.

Fall potato production in 1985 totaled 351 million cwt (15.9 million metric tons), up 12 percent from 1984 and 19 percent from 1983. Final harvested area was 1.14 million acres (463 thousand hectares), up 5 percent from 1984 and 9 percent from 1983. The average yield was record high at 307 cwt per acre, 21 cwt above 1984 and up 27 cwt from 1983. Fall potatoes accounted for 87 percent of the 1985 U.S. all potato production.

TOBACCO: All tobacco production is forecast at 1.22 billion pounds (553 thousand metric tons), 19 percent below last year but 2 percent above the August 1 forecast. Of the 16 producing States, prospective production increased from August 1 in 7 States, decreased in 4, and was unchanged in 5. The largest changes were in North Carolina,--up 10.7 million pounds, and Tennessee,--up 10.0 million pounds. Compared with a year ago, area expected to be harvested, at 615 thousand acres (249 thousand hectares), is off 11 percent. The expected average yield of 1982 pounds per acre compares with 2196 pounds in 1985.

North Carolina tobacco in the earlier drought-stricken areas responded to August rains. Flue-cured harvest is slightly behind last year and well behind average.

Burley cutting in Kentucky was 45 percent complete by September 1, slightly behind last year but well ahead of normal. Much of the late tobacco has not been topped, so harvest will continue well into fall. Dark tobacco harvest is well ahead of both last year and average.

Tennessee prospects improved during the month. An average yield of 1715 pounds per acre is expected compared with 1530 pounds as of August 1. However, this yield is well below last year's 2065 pound average.

South Carolina's harvest was very active in August. It was 85 percent complete by month's end, slightly behind the 5 year average of 90 percent. Quality and grade continued to move up during the month.

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Virginia's harvest has lagged behind the usual progress for all types. Late transplanting, and now rain, has delayed harvest. The burley crop is particularly late.

In Georgia, August was a complete reversal in weather. High temperatures and severe drought changed to very cool and damp weather. On September 1, the crop was 87 percent harvested, slightly below average.

SUGARBEETS: Sugarbeet production is forecast at 25.4 million tons (23.1 million metric tons), up 12 percent from last year and 2 percent above the August 1 forecast. Prospective production increased from the August 1 forecast in 5 States, decreased in 1 and remained unchanged in the remaining 6 producing States. Compared with a year ago, the large production is primarily the result of more acreage but yields are also higher. Expected area to be harvested is up 11 percent. Yields are expected to average 20.7 tons per acre compared with 20.5 in 1985.

Beets were planted late in the Red River growing area of North Dakota and Minnesota due to rains. The growing season has been good with adequate sunshine and moisture. The California crop has progressed well after a late start due to a wet spring. Harvest will be on schedule in most areas. Idaho sugarbeets made good growth during August. Irrigation supplies are adequate with no major disease or weather problems reported. Michigan beets had timely rains and cool nights in August. Sucrose content should be high. Harvest is expected to start about September 25. The Nebraska crop is in good to excellent condition but Cercospora Leafspot and Powdery Mildew are causing some concern.

SUGARCANE: Production of sugarcane for sugar and seed is forecast at 30.3 million tons (27.4 million metric tons), up 1 percent from the August 1 forecast and 7 percent from the 1985 crop. Average yield is forecast at 37.8 tons per acre compared with 36.6 tons a year ago. Area for harvest, at 801 thousand acres (324 thousand hectares), is up 4 percent from last year.

The Florida crop made excellent progress during the summer months after a slow start. Cutting for sugar should get underway in October.

In Hawaii, weather conditions were generally favorable for crop development during August. Mostly sunny skies prevailed over crop growth areas with light to moderate showers at higher elevations.

Louisiana sugarcane is in good condition. Due to dry conditions, planting this fall is ahead of normal. In Texas, the crop is making good progress in the Rio Grande Valley. Rains throughout the summer alleviated irrigation needs. Harvest is expected to begin on schedule in mid-October.

HOPS: Production is forecast at 44.9 million pounds (20.4 thousand metric tons), down 1 percent from August 1 and 10 percent from 1985. Area for harvest is estimated at 25.0 thousand acres (10.1 thousand hectares), unchanged from the August 1 forecast. Yield, at 1795 pounds per acre, decreased 15 pounds from the August 1 forecast.

Decreased production prospects in Washington more than offset increases in Idaho and Oregon. Alternating hot and cool spells and moisture shortages have reduced production in Washington. In addition, there has been more than usual disease and insect problems.

PASTURE AND RANGE FEED CONDITION: The September 1 pasture and range feed condition is rated at 79 percent, 4 points better than September 1 a year ago, 3 points above August 1, and 6 points better than the 1975-84 average for the date. Condition improved from August 1 in 30 States, declined in 16, and remained unchanged in 2.

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The southeastern States have been plaqued by the drought all year but finally got some much needed rainfall and conditions improved dramatically. Even with the improvement, most States in this area are in the very poor range and Alabama, Delaware, and Maryland are actually in the severe drought range. Throughout most of the rest of the country, rainfall has been ample and most States are in the good to excellent, or poor to fair, range.

FLORIDA CITRUS: Most of Florida's citrus groves continued in very good to excellent condition during August. Moisture is mostly adequate with a few locations reporting a little less than normal rainfall. There is an abundance of new growth showing on trees of all ages as a result of almost ideal growing conditions. New crop fruit is making very good to excellent progress. Some young tree grapefruit are being tested for September harvest. The 1986-87 orange harvest is still several weeks away. Caretakers have been very active controlling cover crops that have made excellent growth this summer. Growers are completing their summer sprays and fertilizations in most areas.

CALIFORNIA NAVEL ORANGES: The first forecast for the 1986-87 California Navel orange crop is 40.0 million boxes, 20 percent higher than production last season and 53 percent above the small crop harvested in 1984-85. The forecast is fractionally below the record high crop harvested during the 1982-83 season. The 1986-87 California Navel orange crop is progressing normally with good quality expected. The fruit set is large with individual fruit size average.

PEARS: The final forecast for the U.S. pear crop is 710.5 thousand tons (645 thousand metric tons), down 2 percent from August 1 and 5 percent less than the 1985 crop. The decrease from the August 1 forecast reflects lower prospects for California and Washington Bartlett pears.

Michigan's summer weather has been excellent for pear growth. Quality is excellent and timely rains helped fruit size. Harvest is active. Harvest of Bartlett's is drawing to a close in New York.

The Bartlett crop in California, Oregon, and Washington is forecast at 450 thousand tons (408 thousand metric tons), down 3 percent from August 1 and 4 percent from last year. Harvest is complete in California. Quality was good throughout the season. In Oregon, harvest is drawing to a close with the Medford area complete and the Hood River Valley nearing completion. Harvest is active in Washington and is expected to be complete in mid-September.

Other than Bartlett pears are forecast at 220 thousand tons (200 thousand metric tons), unchanged from the August 1 forecast but 9 percent less than last year's crop. Harvest is complete in California except for the Winter Nellis Variety. Harvest is underway in Oregon and quality has been good. Picking of winter pears has just begun in Washington.

GRAPES: The U.S. grape crop is forecast at 4.92 million tons (4.46 million metric tons), down fractionally from the August 1 forecast and 12 percent below last year's production. Only the New York and Washington forecasts have been changed from August 1.

California's production, at 4.45 million tons, is 14 percent below last year. The California raisin variety grape forecast remains at 1.90 million tons, 23 percent below 1985. Nearly 275 thousand tons of raisin type grapes had been crushed for wine by September 1 compared with the three-year average of 81.0 thousand tons by that date. The raisin harvest was in full swing during the last week of August and first week of September. By September 5, approximately 90 percent of the raisin crop had been placed on trays. Fresh shipments of raisin grapes peaked in late August. Powdery mildew damage required more selective picking than normal.

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The California wine variety grape forecast remains at 2.00 million tons, 7 percent less than a year ago. More than 800 thousand tons of wine grapes had been crushed for wine by September 1, making the 1986 season one of the earliest of record. Normally about 250 thousand tons have been crushed by September 1. Labor strikes at several major wineries have had little effect on harvest progress. Harvest temperatures have been higher than normal keeping grape maturity at a record pace.

The California table variety grape forecast remains at 550 thousand tons, 5 percent below last year. Over 112 thousand tons of table variety grapes had been crushed for wine by September 1 compared with 32.0 thousand tons normally crushed by this date. Powdery mildew has required more treatment than normal this season.

The New York grape forecast is 175 thousand tons, down 5 percent from the August 1 forecast but 20 percent above the 1985 crop. The crop has been plaqued by mildew and black rot caused primarily by excessive moisture and high humidity during the growing season. Some berry splitting has also been noted, especially on Concords, most of which are utilized for juice. Harvest of Concords in eastern counties has begun on a limited scale.

The Washington forecast, at 150 thousand tons, is down 6 percent from the August 1 forecast but is 29 percent above 1985. Wine grape harvest started the first of September and will be active during the month. Concord harvest is expected to start mid-September, with anticipated yields lower than earlier expectations. The winter and spring frosts, some 2-4D drift, and especially the hot weather during bloom, have lowered crop prospects.

The Pennsylvania forecast continues at 58.0 thousand tons, up 16 percent from a year ago. The forecast in Michigan, at 35.0 thousand tons, is down 31 percent from 1985.

PRUNES AND PLUMS: California's prune production (dried basis) is forecast at 95.0 thousand tons (86.2 thousand metric tons), down 5 percent from July 1 and 32 percent less than last year's crop. Harvest is about 98 percent complete. Quality has been very good to excellent. Sugar levels have been extremely high.

Production of prunes and plums in Idaho, Michigan, Oregon, and Washington is forecast at 46.5 thousand tons (42.2 thousand metric tons), unchanged from August 1 but 8 percent less than last year. The increase in production prospects in Michigan was cancelled out by the decrease in Idaho. Warm days, cool nights, and timely rains have combined to color and size fruit in Michigan. Harvest is active and quality is excellent. Harvest is underway in Idaho and effects of the adverse spring weather during pollination are more apparent. Prune harvest is complete in Oregon and harvest of Empress plums is starting. Picking of early prunes is complete in Washington and late varieties should be harvested by mid-September.

PAPAYAS: Hawaii fresh papaya production is forecast at 2.80 million pounds (1270 metric tons) in September. An increase to 3.20 million pounds (1450 metric tons) is expected in October, followed by another increase to 3.80 million pounds (1720 metric tons) in November. Output in December is anticipated to jump 39 percent from November this year to 5.30 million pounds (2400 metric tons).

Fresh utilization is estimated at 3.43 million pounds (1560 metric tons) in August, 16 percent less than the previous month and 14 percent below August a year ago. Cumulative fresh production is 7 percent less than the level over the same period a year ago. Area devoted to papaya production in August totaled 3975 acres (1610 hectares), 1 percent below the previous month but 9 percent above a year ago. Harvested area totaled 2340 acres (950 hectares), 2 percent below July and 11 percent less than August a year ago.

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WALNUTS: The forecast for California walnuts is 190 thousand tons (172 thousand metric tons), down 3 percent from the August 1 forecast and 13 percent below last year's production.

The 1986 California walnut crop is generally in fair condition. The yield varies greatly by variety, with the early varieties (Ashleys and Paynes) having very low set and the later varieties (Hartleys and Franquettes) having a good set. Quality is described as fair by most industry sources. Sunburn damage is about normal. Insect damage is greater this year because there were fewer walnuts for the insects to attack so the actual percentage of damaged walnuts will be higher. Blight also is more of a problem this year since many growers didn't spray because of the reduced set. Oilless nuts will not be a problem this year, but mold may affect the crop. The current hot weather may cause mold to begin in nuts while they are still on trees. Harvest of the walnut crop started about the same as normal but early volume will be much higher due to the early maturity of the crop.

PISTACHIOS: The 1986 California pistachio crop is forecast at a record high 70.0 million pounds (31.8 thousand metric tons), in-shell basis, more than two and one-half times last year's small production and 11 percent higher than the previous record high crop harvested in 1984. This is the first-ever forecast for California pistachio production and will be the only forecast made this season. This forecast is based on the results of the objective measurement survey (OMS) and a September 1 pistachio grower inquiry. The OMS for pistachios was conducted in April to obtain fruit bud counts and in August to collect nut counts from developed clusters, nut sizes, and information on blanks. With harvest now ready to get underway, the crop appears to be of good quality with nut sizes slightly larger than in the past.

PECANS: The first forecast for the U.S. all pecan crop is 209 million pounds (94.9 thousand metric tons), in-shell basis, 14 percent lower than last year's production and 10 percent below 1984.

The Georgia pecan forecast is 85.0 million pounds, up 2 percent from last year's crop, which was substantially reduced by hurricane losses. The record late winter through August drought has seriously affected dryland pecans this year. Of the approximate 150 thousand acres of commercial groves in Georgia, about one-third are irrigated. Many of the irrigated groves have an excellent crop but shedding has been, and could continue to be, a problem with the sudden cool and damp weather. In dryland groves, especially in the major producing pecan area where rain was not received until late August, the nuts are very small and are shedding after rains. Pecan specialists say that the nut count usually averages about 52 nuts per pound, but counts from many dryland groves will be much higher this year. One positive note as a result of the prolonged drought is that scab problems are minimal.

The Alabama forecast is 13.0 million pounds, down 19 percent from last year. Pecan groves in Alabama have likewise experienced extremely dry conditions throughout the spring and summer. Trees are also still recovering from hurricanes which inflicted serious damage last year. Louisiana expects a crop of 15.0 million pounds, equal to last year. The crop in Oklahoma is forecast at 12.0 million pounds compared with 10.0 million pounds harvested in 1985. Texas pecan production is forecast at 40.0 million pounds, off 49 percent from last year. Southern Oklahoma and Texas have experienced hot, dry weather with insect and disease problems as well as nut droppage higher than normal. New Mexico's forecast, at 24.0 million pounds, is down 17 percent from 1985.

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